End Semester Examination, Dec. 2023
B.A. (Economics) – Third Semester
MATHEMATICAL ECONOMICS (BECO-DS-001)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following questions:

a) Determine the degree of homogeneity of the function $z = Ax^{\alpha} y^{\beta}$.   [CO1] [L1]

b) Solve the value of determinant of $A^{121} - A^{120}$ if the matrix A is given by:

$$A = \begin{bmatrix} 8 & 5 \\ 7 & 6 \end{bmatrix}$$

[CO2] [L2]

c) Write the dual of the problem
   Minimize $z = 2x_1 + 3x_2$
   Subject to $x_1 + 2x_2 >= 12$
   $x_1 + x_2 >= 8$
   $x_1 + 10x_2 <= 20$ [CO-2] [L-2]
   $x_1 >= 0, x_2 >= 0$

d) Using the Implicit Function Theorem, find dy/dx for the function $3x^3 + 4x^2y + xy^2 + 2y^3 = 0$.   [CO1] [L1]

e) The technology matrix of an economic system of two industries is

$$M = \begin{bmatrix} 0.6 & 0.9 \\ 0.20 & 0.80 \end{bmatrix}$$

   Test the viability of the system as per Hawkins Simon condition.   [CO2] [L2]

f) Examine the concavity/convexity of the function $f(x, y) = 2xy - x^2 - 2y^2 + 3x + 4$.   [CO2][L2]

g) Find the Eigen values and corresponding eigenvectors of the matrix

$$A = \begin{bmatrix} 0 & 3 \\ 1 & -2 \end{bmatrix}$$

[CO2] [L2]

h) Show that the function $y = x + \dfrac{1}{x}$ has one maximum and one minimum value. What are these extreme points?   [CO2] [L2]

i) What do you understand by orthogonal matrix? Check whether the following matrix is orthogonal or not.

$$A = \begin{bmatrix} 2 & 3 \\ 1 & 2 \end{bmatrix}$$

[CO1] [L1]

j) A student is awarded a scholarship and two options are placed before him
   i) to receive ₹1100 now or
   ii) receive ₹100 per month at the end of each of next 12 months. Which option should be chosen if the rate of interest is 12% per annum?
   (Use $PVAF_{1, 12} = 11.255$)   [CO2] [L2] **2×10**

PART-A

Q.2   a) A consumer enjoys two commodities x and y according to the utility function $U=(x+2)(y+1)$, and has the budget constraint $2x + 5y = 51$. Find the optimal levels of x and y to be purchased by the consumer.   [CO3, 4] [L3, 4] **10**

P.T.O

b) If $A = \begin{bmatrix} 2 & -3 \\ -8 & 4 \end{bmatrix}$, find the matrix A^{10} exactly. [CO3, 4] [L3, 4] **10**

Q.3 a) Find the maxima and/or minima of the function $z = 5x^2 + 6y^2 - xy$, subject to $x + 2y = 24$. [CO3] [L3] **10**

b) A discriminating monopolist is able to separate its customers into two markets with respective demand functions as $x_1 = 16 - 0.2p_1$ and $x_2 = 9 - 0.05p_2$. The total cost function of the monopolist is $C = 20 + 20x$, where $(x = x_1 + x_2)$.

 i) Find the profit maximizing values of x_1 and x_2, verifying the second order conditions. **6**

 ii) Find the prices charged in each market and the maximum profit. [CO3] [L3] **4**

Q.4 a) Production function of a producer is given by $X = 12L^{0.75}K^{0.25}$, where X is output, L is labor and K is capital. It is also known that price of labor is ₹3 per unit and the price of capital is ₹1 per unit. Find the combinations of inputs that can maximize output for a given cost of Rs 80 (verifying the second order conditions). [CO4] [L4] **10**

b) Calculate the value of the Hessian determinant for the function $Z = AL^a K^{1-a}$. Based on the determinant, what can you say about the homogeneity of the function? [CO4] [L4] **10**

PART-B

Q.5 A firm manufactures two products A and B on which profits earned per unit are ₹3 and ₹4 respectively. Each product is processed on two machines, M1 and M2. Product A requires one minute of processing time on machine M1 and two minutes on M2. Product b requires one minute each on M1 and M2. Machine m1 is available for use for not more than 450 minutes, while M2 is available for 600 minytes or less on any working day.

a) Formulate the above as a linear programming problem to find the number of units of products A and B to be manufactured for getting the maximum profit. **3**

b) Solve the LPP using Simplex Method only. **10**

c) Write the dual of the above problem and its solution. **4**

d) Interpret the meaning of the decision variables of the dual. [CO4] [L5] **3**

Q.6 a) A large energy company produces electricity, natural gas, and oil. The production of a dollar's worth of electricity requires inputs of $0.30 from electricity, $0.10 from natural gas, and $0.20 from oil. Production of a dollar's worth of natural gas requires inputs of $0.30 from electricity, $0.10 from natural gas, and $0.20 from oil. Production of a dollar's worth of oil requires inputs of $0.10 from each sector. Find the output for each sector that is needed to satisfy a final demand of $25 billion for electricity, $15 billion for natural gas, and $20 billion for oil. [CO4] [L5] **15**

b) Mia deposits 4000 dollars into a bank account that pays an annual interest rate of 6%, compounded quarterly. Find the amount of interest that Mia will earn over the next 2.5 years. [CO4] [L5] **5**

Q.7 a) Using Simplex Method, solve the following function maximize $z = x_1 + 2x_2$ subject to the constraints

$$\begin{bmatrix} x_1 + 4x_2 \le 8 & x_1 \ge 0 \\ x_1 + x_2 \le 12 & x_2 \ge 0 \end{bmatrix}$$

$x_1 >= 0, x_2 = 0$ [CO4][L5] **10**

b) An economy consists of two industries, coal and steel. Production of a dollar's worth of coal requires an input of $0.10 from the coal sector and $0.20 from the steel sector. Production of a dollar's worth of steel requires an input of 0.2$ from the coal sector and 0.4$ from the steel sector. Find the output for each sector that is needed to satisfy a final demand of 20 billion$ for coal and $10 billion for coal. [CO4][L5] **10**

End Semester Examination, Dec. 2023

B.A. (Economics) – First Semester

PRINCIPLES OF ECONOMICS (BECO-DS-102)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART- A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Answer the following in brief:
a) Explain the concept of willingness to accept with example.
b) Distinguish between 'positive and normative' statements.
c) Distinguish between 'nominal and real' wages.
d) How do you find market demand from individual demand?
e) Distinguish stock and flow variables with example.
f) Explain static versus dynamic analysis with example.
g) Explain partial and general equilibrium with example.
h) *Fill in the blanks:*
When a 10-percent change in the price of a good brings a 20-percent change in its quantity demanded, the price elasticity of demand is_____. We can say that demand for this good is_____.
i) If S = {1, 2, 5, 6, 11} and T = {2, 6} then explain whether T ⊂ S or S ⊃ T. If A = {3, 7, 11} and B = {green, yellow, red}, find A x B.
j) If the domain of a function y = 3 + 5x is {x | -1 ≤ x <5}, what is the range of the function? [CO1-4, L1,2,3] **2×10**

PART-A

Q.2 a) Explain with diagram the circular flow of income in a four-sector economy.
[CO-1][L-1] **10**
b) Define:
i) Opportunity costs ii) Equity iii) Efficiency iv) Invisible hand. [CO-1][L-1] **10**

Q.3 a) At initial price Rs. 25/kg. demand was 6 kg. and after the price change to Rs. 20/kg. demand changes to 8 kg. Find the price elasticity when demand curve is i) linear and ii) non-linear. [CO2,3, L3,4] **5**
b) Suppose the demand function for coffee in terms of price of tea is: $Q_c = 50 - 0.5P_t$. Find the cross price elasticity of demand for coffee when price of tea falls from ₹ 15 to ₹10 per 100gms. [CO2,3, L3,4] **5**
c) Explain any five determinants of demand. [CO2,3, L3,4] **10**

Q.4 Following table shows the demand and supply schedules for rice market:

Price (per kilograms)	Quantity Demanded (millions of kilograms)	Quantity Supplied (millions of kilograms)
4	50	30
4.5	45	35
5.1	40	40
5.5	30	50
6	25	60
6.1	20	65

a) Plot the demand and supply schedules on a diagram.
b) Identify the amount of excess demand or supply associated with each price.
c) Identify the equilibrium price in this market.

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d) Suppose Government set a minimum price for rice equal to 6 per kilogram. Explain the outcome in the rice market. [CO-3][L-3,4] **2½×4**

PART-B

Q.5 a) Define GDP at market prices and GDP at factor prices. [CO4,L2,4] **10**
b) Differentiate between 'gross domestic products' and 'disposable income'.
[CO4,L2,4] **5**
c) Describe different methods of measuring GDP. [CO4,L2,4] **5**

Q.6 a) Make histogram and 'greater than' Ogive using the given data:

Marks:	10-20	20-30	30-40	40-50	50-60	60-70
Number of students:	5	12	15	22	14	4

[CO5, L2,4] **10**

b) What is sampling and why is it important? What is the difference between random sampling and non random sampling? [CO5, L2,4] **10**

Q.7 a) Give the general expression of a polynomial function. When is it constant, linear and non-linear? Explain through examples and graphically. [CO-6][L-2,4] **10**
b) Write short note using suitable example or diagram on:
i) equal set A=B, ii) null set, iii) set of real numbers, iv) set of natural numbers and v) strict subset. [CO-6][L-2,4] **10**

End Semester Examination, Dec. 2023
B.A. (Economics) – First Semester
MATHEMATICAL ECONOMICS-1 (BECO-DS-108)

Time: 3 hrs.   Max Marks: **100**
No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following questions:

a) Find the domain and range of the following real functions.
$\sqrt{4-x^2}$ [CO1] [L3]

b) If $f(x) = 8x^3$ and $g(x) = \left(x^{1/3}\right) (or)\sqrt[3]{x}$ .Find fog and gof.   [CO1] [L4]

c) Find the total differential for the following utility functions, where a, b > 0:   [CO1] [L3]
$U(x,y)=x^a y^b$

d) For the following equations, find $\dfrac{dy}{dx}$ by implicit differentiation: [CO2] [L5]
$y^6=x^5$

e) Find the value of the integral
$\int_0^1 (7t-15)dt$ [CO3] [L4]

f) Evaluate the integrals: [CO3] [L3]
$\int_1^3 \dfrac{3x}{10}dx$

g) What do you mean by Damped oscillations   [CO4] [L3]

h) Find the general solution of the following differential equation
$\dfrac{dt}{dx}= (1 + x^2) (1+ t^2)$ [CO2] [L4]

i) Find the inverse of following matrices $A = \begin{bmatrix} 1 & 3 & -1 \\ 2 & 4 & 0 \\ 1 & 1 & 5 \end{bmatrix}$.   [CO4] [L3]

j) Prove using two matrices A and B that $(AB)^T = B^T A^T$ [CO3] [L3] **2×10**

PART-A

Q.2   a) Enumerate all the subsets of the set S = {a, b, c, d}. How many subsets are there altogether?   [CO1][L4] **10**

b) Graph the function $y=x^3+10$. Show the working properly by discussing the intercept term, slope value and rate of change of solve.   [CO1][L4] **10**

Q.3   a) Find formula for y'' and y''' when $y=\dfrac{f(x)}{g(x)}$.   [CO2][L3] **10**

b) A standard model for income determination in an open economy if:
Y = C + I + X − M
C = f(Y)
M = g(Y)
Where 0 < f'(Y) < 1. Here X is an exogenous constant that denotes exports, whereas M denotes the volumes of imports. The function g is called an import function. By using consumption function and import function in equilibrium equation

P.T.O.

we obtain an equation that define Y as a function of exogenous investment I. find a expression for $\frac{dY}{dI}$ by implicit differentiation. What is the likely sign of g'(Y)? Discuss the sign of $\frac{dY}{dI}$. [CO2][L3] **10**

Q.4 a) Find f_x and f_y from the following:
   i) $F(x,y)=x^2+5xy-y^3$
   ii) $F(x,y)=(x^2-3y)(x-2)[$ [CO2][L4] **10**
   b) Compute $\frac{dx}{dp}$ for the demand function:
   $x=b-\sqrt{ap-c}$

   Where x is the number of units demanded, and p is the price per unit, with $p \geq \frac{c}{a}$
   [CO2][L4] **10**

PART-B

Q.5 a) i) Given the marginal propensity to omport M'(Y)=0.1 and the information that M = 20 when Y = 0,find the import function M(Y).
   ii) Given the Marginal propensity to consume $C'(Y)=0.8+0.1Y^{-1/2}$ and the information that C=Y when Y=100, find the consumption function C(Y).
   [CO3][L3] **10**

   b) i) Evaluate the integrals: $\int \frac{3}{(x+2)^2(x-1)}dx$
   ii) Evaluate the integrals: $\int 3xe^{4x}dx$ [CO3][L3] **10**

Q.6 a) Solve the differential equation $(1+x^2)\frac{dy}{dx}= 2xy^2$ for y, which satisfies the initial condition y(0)= −1/2. [CO3][L4] **10**
   b) Find the solutions to the following difference equation with the given values of x_0
   $x_t=2x_{t-1}+4$ $x_0=1$
   $3x_t=x_{t-1}+2$ $x_0=2$
   [CO3][L4] **10**

Q.7 a) Show that the vectors u1=(1,2,-1),u2=(1,-2,1),u3=(-3,2,-1) and u4=(2,0,0) are linearly dependent in R^3. [CO4][L4] **10**
   b) Solve the following systems of linear equations by using elementary row transformation and further verify it by using cramer's rule.
   x + y = 5
   y + z = 3
   x + z = 4
   [CO4] [L4] **10**

End Semester Examination, Dec. 2023
B.A. (Economics) – First Semester
INTRODUCTORY MICROECONOMICS (BECO-DS-109)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) What is the relationship between total cost and total revenue? Represent graphically.   [CO2] [L3]
   b) What is a Natural Monopoly? How is it different from Monopoly? Explain with an example.   [CO3] [L3]
   c) "Government can 'sometimes' improve market outcomes". Why is the word 'sometimes' used? What happens 'often'?   [CO1, 2] [L6]
   d) What is the difference between positive and normative analysis in economics?
                                                                                [CO1] [L4, 5]
   e) What are the assumptions of the perfect competition model?   [CO1, 2] [L2, 3]
   f) What is the basis to say that "trade can make everyone better off? How? Denote the principles attached to it.   [CO4] [L5, 6]
   g) Please explain the income elasticity of supply, mathematically.   [CO4] [L2]
   h) Explain the concept of rationality, using a tree diagram comparing pay-offs.   [CO2] [L2]
   i) Mention and discuss in brief a few models of imperfect competition.   [CO5] [L2]
   j) Explain four phenomenons which can change/cause a shift in the supply curve of an industry?   [CO5] [L4, 6] **2×10**

PART-A

Q.2   What is the price elasticity of demand and its determinants? Compute the price elasticity of demand. Draw the graph of (a) perfectly inelastic demand elasticity (b) Inelastic demand: elasticity less than one. (c) Perfectly elastic demand. Suppose the price elasticity of demand for heating oil is 0.2 in the short run and 0.7 in the long run. (a) If the price of heating oil rises from $1.80 to $2.20 per gallon, what happens to the quantity of heating oil demanded in the short run? Mention the same in the Long run.
                                                                                [CO3] [L4] **20**

Q.3   What is market efficiency? How does a benevolent social planner evaluate market? What is the fight between efficiency and equality in this context? Explain the all the above phenomenon with respect to consumer and producer surplus.   [CO2] [L5] **20**

Q.4   What is a production possibility frontier? What are the trades off that effect the shift in production possibility frontiers?   [CO5] [L4] **20**

PART-B

Q.5   What is the relationship between total variable cost and marginal cost? How are they related? Mentioning the data of a hypothetical firm, elucidate the concept of Total Variable cost, Marginal cost, Average Variable Cost, Total Fixed Cost, Total Cost, Average Fixed Cost and Average total cost. Also depict each one of them graphically.
                                                                                [CO1] [L5] **20**

P.T.O

Q.6 Using the perfect competition model, please elucidate the profit maximizing problem a firm must solve. What is the graphical representation for the same? Draw a separate diagram showing how the firm has gone out of business due to losses. Does this analysis changes in the long run? Please show the analysis in the case of a Long Run Average Cost Curve (LRAC). What are economies and diseconomies of scale?   [CO3] [L4] **20**

Q.7 What is a monopoly Structure? Can we use the word Monopolistic and Monopoly interchangeable? Please draw a diagram and show the Average revenue, Marginal Revenue structures for a monopolist. Please mention and draw the cost structure of the monopolist (MC, AVC).   [CO4] [L5] **20**

End Semester Examination, Dec. 2023

B.A (Economics) – First Semester

STATISTICAL METHODS IN ECONOMICS-I (BECO-DS-110)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 3

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:

a) In a class of 50 students, 10 have failed and their average marks is 2.5. The total marks secured by the entire class were 281. Find the average marks of those who have passed. [CO1][L1]

b) If the sum of first n natural numbers is given by n(n+1)/2 and if the sum of the squares of the first n natural numbers is given by n(n+1)(2n+1)/6, find the mean of the first n natural numbers. [CO2][L2]

c) A student obtained the following two regression equations, do you agree with him? Justify.
6X=15Y+21 and
21X+14Y=56 [CO2][L2]

d) A car travels 100 miles at a speed of 40 mph and another 400 miles at a speed of 30 mph. find the average speed of the car for the entire journey. Which measure of central tendency does this correspond to? [CO1][L1]

e) For a data, the arithmetic mean is 86 and the median is 80. The value of Karl Pearson's coefficient of skewness is 0.42. Calculate the coefficient of variation of the data. [CO1][L1]

f) If the sum of first n natural numbers is given by n(n+1)/2 and if the sum of the squares of the first n natural numbers is given by n(n+1)(2n+1)/6, find the standard deviation of the first n natural numbers. [CO2][L2]

g) In a frequency distribution, the coefficient of skewness based on quartiles is 0.6. If the sum of the upper and lower quartiles is 100 and the median of the data is 38, calculate the values of the lower and upper quartiles. [CO2][L2]

h) Distinguish between central and raw moments? Establish the relation between the second central and raw moment. [CO2][L2]

i) Calculate Spearman's coefficient of correlation between marks assigned to ten students by judges X and Y in a certain competitive test as shown below:

S. No.	1	2	3	4	5	6	7	8	9	10
Marks by Judge X	52	53	42	60	45	41	37	38	25	27
Marks by judge Y	65	68	43	38	77	48	35	30	25	50

[CO2][L2]

j) The equations of the two lines of regression obtained from a data are:
2X=8-3Y
2Y=5-X
Obtain the value of the correlation coefficient. [CO2][L2] **2×10**

PART-A

Q.2   a) For the following data, the arithmetic mean is 28. One of the missing frequencies is x. Find the median of this data:

Profit per shop (₹000)	0-10	10-20	20-30	30-40	40-50	50-60
No. of shops	12	18	27	X	17	6

[CO3][L3] **10**

b) The score of two batsmen A and B in ten innings during a season are given:

A	32	28	47	63	71	39	10	60	96	14
B	19	31	48	53	67	90	10	62	40	80

Which of the two batsmen is more consistent in scoring?   [CO3][L3] **10**

Q.3 a) The following table gives the height in inches (X) and weight in kg (Y) of 10 students aged 18 years selected by random sampling from a population.

X	61	68	68	64	65	70	63	62	64	67
Y	112	123	130	115	110	125	100	113	116	123

Calculate the weight of a student whose height is 69 inches.   **10**

b) The simple correlation coefficients between profits (X_1), sales (X_2) and advertising expenditure (X_3) of a factory are $r_{12} = 0.69$, $r_{13} = 0.45$ and $r_{23} = 0.58$. Find the partial correlation coefficients r12.3 and r13.2 and interpret them.   **10**
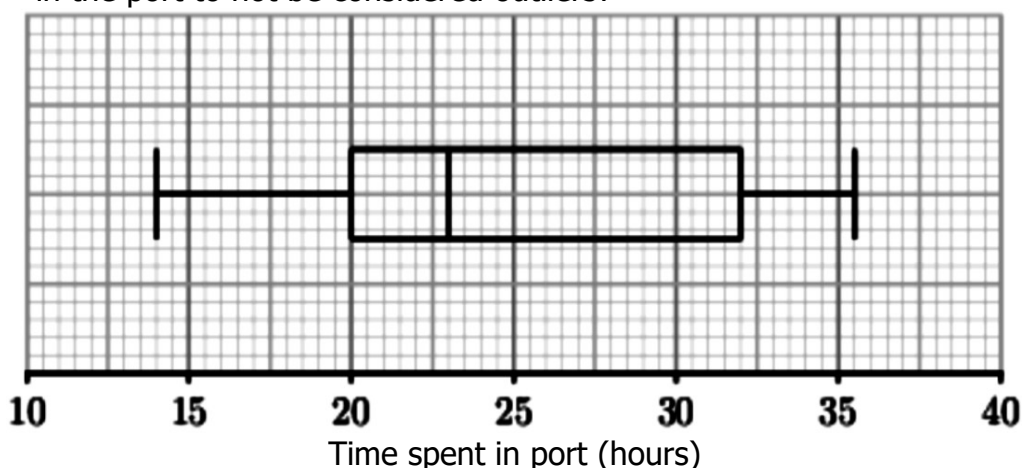
Q.4 a) Calculate the first four central moments and also the values of β_1 and β_2 for the data. What can you say about the nature of the distribution based on these values?

X	2	3	4	5	6
f	1	3	7	3	1

[CO4] [L4] **10**

b) An analyst working at the Shanghai shipping port conducts a study on the port wait times of shipping containers for a particular month. The analyst creates a box and whisker diagram to represent the time, in hours, containers spend in the port. The diagram is shown below.
   i) What is the minimum and maximum number of hours a container spent in the port?   **1**
   ii) Calculate the lower and upper quartiles.   **2**
   iii) Calculate IQR.   **2**
   iv) Based on the plot, the analyst claims that the percentage of containers spending more than 23 hours in port is higher than the percentage of containers spending less than 23 hours in port. State whether the analyst is correct. Justify your answer.   **2**
   v) What are the minimum and maximum number of hours a container should spend in the port to not be considered outliers?   **3**

Time spent in port (hours)

PART-B

Q.5 a) The following table gives indices of industrial production and the number of registered unemployed (in hundred thousand). Calculate the value of Karl Pearson's coefficient of correlation and interpret the nature of relationship between the two variables.

Year	2007	2008	2009	2010	2011	2012	2013	2014
Index of production	100	102	104	107	105	112	103	99
Number of Unemployed	15	12	13	11	12	12	19	26

10

b) From the data given below, r = 0.5, $\Sigma dxdy$ = 120, σ_y = 8, Σdx^2 = 90, where dx and dy a are deviations from arithmetic mean of the data. Calculate the sample size (n) of the data. [CO4] [L5] **10**

Q.6 The following table gives the aptitude test scores and productivity indices of 10 workers selected at random:

Aptitude Scores (X)	60	62	65	70	72	48	53	73	65	82
Productivity Index (Y)	68	60	62	80	85	40	52	62	60	81

Calculate:
a) The two regression equations. **10**
b) The productivity index of a worker whose test score is 92. **5**
c) The test score of a worker whose productivity index is 75. [CO4][L5] **5**

Q.7 You are given the following data:

Commodity	2010		2011	
	Price	Expenditure	Price	Expenditure
A	8	80	10	120
B	10	120	12	96
C	5	40	5	50
D	4	56	3	60
E	20	100	25	150

a) Calculate the value of Fisher's Ideal Index for the data. **10**
b) Show that it satisfies Time Reversal test. **5**
c) Show that it satisfies Factor Reversal test. [CO4] [L5] **5**

End Semester Examination, Dec. 2023
B.A. (Economics) – Third Semester
MICROECONOMIC EXTENSIONS (BECO-DS-301)

Time: 3 hrs.   Max Marks: **100**
                                                     No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following questions:
a) What are Cobb Douglas preferences?   [CO2] [L4]
b) What are bad goods? Explain with an indifference curve map.   [CO???] [L2]
c) What is the Hicks substitution effect?   [CO3] [L3]
d) What is utility function?   [CO3, 4] [L4, 5]
e) What is the relationship between Marginal Rate of Substitution (MRS) and Marginal utility (MU)   [CO4] [L5]
f) What are quasilinear preferences? Explain with a neat diagram.   [CO1] [L3]
g) In case of two commodity market where both commodities are perfect substitutes, draw and explain the three possible demand outcomes, if you have a budget line.   [CO1] [L3, 4]
h) Explain the three axioms of preferences.   [CO2] [L4]
i) What is an indifference curve?   [CO2] [L2]
j) Why do we study the concept of budget lines?   [CO1, 4] [L3] **2×10**

PART-A

Q.2   Explain the cournot duopoly model and bertrand duopoly model with mathematical derivation of the reaction curves for each.   [CO2, 3] [L4, 5, 6] **20**

Q.3   What is the Stackelberg's Duopoly model?
Assume that in a duopoly market, the demand function is $r = 100 - 0.5(x_1 + x_2)$ and the duopolists costs are $C_1 = 5X_1$ and $C_2 = 0.5X_2$.
Profit functions of $\angle_1 = rX_1 - C_1$ and $\angle_2 = rX_2 - C_2$. Find the first and second order conditions to Stackelberg's solution with A being the sophisticated leader. [CO3,4][L2,5] **20**

Q.4   Maude spends all of her income on delphiniums and hollyhocks. She thinks that delphiniums and hollyhocks are perfect substitutes; one delphinium is just as good as one hollyhock. Delphiniums cost $4 a unit and hollyhocks cost $5 a unit.
a) If the price of delphiniums decreases to $3 a unit, will Maude buy more of them? What part of the change in consumption is due to the income effect and what part is due to the substitution effect?
b) If the prices of delphiniums and hollyhocks are respectively pd = $4 and ph = $5 and if Maude has $120 to spend, draw her budget line in blue ink. Draw the highest indifference curve that she can attain in pencil, and label the point that she chooses as A.
c) Now let the price of hollyhocks fall to $3 a unit, while the price of delphiniums does not change. Draw her new budget line in black ink. Draw the highest indifference curve that she can now reach with pencil. Label the point she chooses now as B.
d) How much would Maude's income have to be after the price of hollyhocks fell, so that she could just exactly afford her old commodity bundle A?
e) When the price of hollyhocks fell to $3, what part of the change in Maude's demand was due to the income effect and what part was due to the substitution effect?
                                                        [CO2,3][L4,5,6] **4×5**

P.T.O.

Q.5 If there is a choice between taxes (quantity tax or Income tax), which one would you chose and why? Explain with a neatly labeled diagram. [CO2,3] [L3,4] **20**

Q.6 Douglas Cornfield's preferences are represented by the utility function $u(x1;x2) = x_1^2 x_2^3$. The prices of x1 and x2 are p1 and p2.

   a) The slope of Cornfield's indifference curve at the point (x1; x2) is

   b) If Cornfield's budget line is tangent to his indifference curve at (x1; x2), then $\dfrac{p1x1}{p2x2}$ is? When he is consuming the best bundle he can afford, what fraction of his income does Douglas spend on x1?

   c) Other members of Doug's family have similar utility functions, but the exponents may be different, or their utilities may be multiplied by a positive constant. If a family member has a utility function $U(x;y) = cx_1^a x_2^b$ where a, b, and c are positive numbers, what fraction of his or her income will that family member spend on x1? [CO3,4] [L5,6] **20**

Q.7 Is price discrimination in monopoly structure worth it? Please explain your answer with a detailed diagram and an elaborate explanation for the same. Define and explain the basics of first, second and third order price discrimination. [CO2,4] [L5,6] **20**

End Semester Examination, Dec. 2023

B.A. (Economics) – Third Semester

ECONOMIC GROWTH AND DEVELOPMENT (BECO-DS-302)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Answer the following in brief:
   a) Differentiate between balanced and unbalanced growth. [CO1] [L1]
   b) What are the different ways in which economic development is measured? [CO1] [L1]
   c) What is actual growth rate in Harrod Domar Model? [CO2] [L2]
   d) Write similarities and dissimilarities between Harrod-Domar model. [CO2] [L2]
   e) What is the major criticism of the doctrine of balanced growth rate? [CO1] [L2]
   f) What do you understand by technological progress? [CO4] [L1]
   g) Define theory of rational expectations. [CO5] [L1]
   h) Define the concept of sticky prices. [CO5] [L1]
   i) What is the key assumption of a Mundell-Fleming Model? [CO6] [L1]
   j) Define fixed exchange rate. [CO6] [L2] **2×10**

PART-A

Q.2 Explain economic and non- economic factors of economic growth. [CO1] [L3] **20**

Q.3 Evaluate Domar model of economic growth. What are similarities and dissimilarities between models given by Harrod and Domar model of economic growth? [CO2] [L4] **20**

Q.4 Discuss steady state equilibrium growth in neo-classical growth model. Why the problem of instability is not there is Solow model of economic growth? [CO3] [L4] **20**

PART-B

Q.5 Explain the concept of technological change. Elaborate in detail on Harrod's and Hick's classification of technological progress. [CO4] [L4] **20**

Q.6 Discuss the following with suitable examples:
   a) Real business cycle theory.
   b) Rational Expectation model. [CO5] [L3] **10×2**

Q.7 Illustrate the Mundell-Fleming Model with its key assumptions. Under fixed exchange rates and floating exchange rates system explain the impact of fiscal policy and monetary policy on exchange rate and income. [CO6] [L4] **20**

End Semester Examination, Dec. 2023
B.A. (Economics) – Fifth Semester
BASIC ECONOMETRICS (BECO-DS-501)

Time: 3 hrs. Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART A** and **TWO** questions from **PART B**. Marks are indicated against each question.*

Q.1 Answer the following in brief:
- a) What is dummy variable trap?
- b) Define autocorrelation.
- c) Why the presence of multicollinearity is a problem in estimating regression model?
- d) Does Heteroscedastcity problem related with cross-sectional data? Justify your answer.
- e) State an equation of Lin-log model.
- f) What is the population regression function?
- g) Briefly list out the stages of econometric analysis.
- h) What do you mean by linear regression model?
- i) State the difference between R^2 and Adjusted R^2.
- j) Can we have non-linear parameter in the regression model? Comment.

[CO2][L2] **2×10**

PART-A

Q.2
- a) Define econometric analysis and explain scope and key steps involved in it. [CO2][L3] **10**
- b) What is mean by classical linear regression model? What are the assumptions of CLRM? [CO2][L3] **10**

Q.3
- a) What is the role of the stochastic error term u/in regression analysis? And explain the reasons for including stochastic error term in the regression model. [CO2][L4] **10**
- b) State the different between estimates and estimators. Which one the researcher often use in real-time data analysis and why? [CO2][L4] **10**

Q.4 Consider the following regression output?

$\hat{Y}_t$ = 0.203 + 0.66Xt

se = (0.0097) (0.1961

R^2 = 0.397 RSS = 0.0544 ESS = 0.0358

where Y = labour force participation rate (LFPR) of women in 2018 and X = LFPR of women in 2016. The regression results were obtained from a sample of 24 cities in India.
- a) How do you interpret this regression?
- b) Test the hypothesis: $H_O = \beta_2 = 1$ against $H_O = \beta_2 > 1.$ Which test do you use? And why?
- c) What are the underlying assumptions of the test(s) you use?
- d) Suppose that the LPFR in 1968 was 0.58 (or 58 per cent). On the basis of the regression results given above, what is the mean LPFR in 1972? [CO4][L7] **20**

PART-B

Q.5
- a) What is heteroscedasticity and how it is detected? In presence of heteroscedastic variance, how do you estimate the model? [CO3] [L2] **14**
- b) State the main causes for:
  - i) Autocorrelation,
  - ii) Multicollinearity in regression model. [CO4] [L2] **3×2**

Q.6 a) What is distributed-lag model, and is there any problem with this model? [CO1] [L4] **6**

b) Using dummy variable technique, construct and justify the regression model with one quantitative variable and one qualitative variable with two categories.
[CO2] [L4] **8**

c) Explain how dummy variable can be used to deal with slope change in the model?
[CO4] [L5] **6**

Q.7 Consider the log-linear model:

$$\ln Y_i = \beta_1 + \beta_2 \ln X_i = u_i$$

a) Plot Y on the vertical axis and X on the horizontal axis. Draw the curves showing the relationship between Y and X when $\beta_1 = 1$, and when $\beta_2 = 1$, and when $\beta_2 < 1$?
[CO3] [L5] **8**

b) Consider the regression model:

$$Y_i = \beta_1 + \beta_2 \ln X_i + u_i$$

Where $y_i = (Y_i - \bar{Y})$ and $x_i = (X_i - \bar{X})$. In this case, the regression line must pass through the origin. True or false? Show your calculations.
[CO2] [L3] **12**

End Semester Examination, Dec. 2023
B.A. (Economics) – Fifth Semester
DEVELOPMENT ECONOMICS (BECO-DS-502)

Time: 3 hrs.   Max Marks: **100**

No. of pages: **1**

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Distinguish between 'HD1 and PQLI'.
   b) Distinguish between 'closed and open economy'.
   c) Differentiate between 'economic growth and development'.
   d) Difference between 'developed and underdeveloped countries'.
   e) Difference between 'Classical and Keynesian approach'.
   f) Define 'Lorenz curve'.
   g) Difference between 'recession and depression'.
   h) Define Take off stage in Rostow model.
   i) Define vicious circle of prosperity.
   j) Define 'rationality'.   **2×10**

PART-A

Q.2   Explain the knife edge equilibrium and how its established under Harrod Domar model?
                                                                     [CO1][L2] **20**

Q.3   a) Whether environment needs to be treated as luxury or necessity. Explain the statement.   [CO2][L3] **10**
       b) Explain various sustainable development goals.   [CO2][L3] **10**

Q.4   a) Illustrate the theory of demographic transition and how its phases affect the Indian economy?   [CO4][L2] **10**
       b) Explain the Rostow stages of growth model.   [CO3][L4] **10**

PART-B

Q.5   The development in the economy can be achieved through balancing and unbalancing the various sectors. Critically examine the statement   [CO4][L4] **20**

Q.6   a) Explain the implications of COVID19 on global economy.   [CO2][L3] **10**
       b) Critically examine the impact on Indian Economy due to Russia Ukraine War.
                                                                     [CO2][L3] **10**

Q.7   With the use of diagram explain the steady state equation of Solow model. Explain how, according to the Solow model, technological progress is the source of sustained increase in output per worker.   [CO3][L4] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Economics – Fifth Semester
INTERNATIONAL DEVELOPMENT INSTITUTIONS (BECO-GE-009)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Answer the following in brief:
   a) Explain any two activities of International Economic Institutions.   [CO2] [L3]
   b) Evaluate any two challenges faced by World Bank.   [CO4] [L4]
   c) Elaborate the role of IMF in exchange rate stabilization and international payments.
                                                                                 [CO3] [L4]
   d) Explain the role of the World Trade Organization (WTO) in the global trade system.
                                                                                 [CO1, 2] [L5]
   e) Analyze any two achievements of UNCTAD.   [CO1] [L4]
   f) What are the key areas of co-operation between Indian and ADB?   [CO3] [L5]
   g) Explain Special Drawing Rights under IMF.   [CO2] [L3]
   h) Explain any two principles of WTO.   [CO2] [L4]
   i) What are the functions of International Development Association (IDA)? [CO1,3] [L5]
   j) Explain the organizational structure of World Bank (IBRD).   [CO1] [L1] **2×10**

PART-A

Q.2 What are international development institutions, and why are they important in the context of global development? Explain the primary objectives of international development institutions.   [CO2] [L3] **20**

Q.3 Discuss the World Bank's role in supporting the achievement of the United Nations Sustainable Development Goals. Provide examples of projects that contribute to specific SDGs.   [CO3] [L4] **20**

Q.4 Explain the roles of the IMF in promoting international monetary cooperation and exchange rate stability. Provide examples of situations where the IMF has intervened in currency crises.   [CO4] [L5] **20**

PART-B

Q.5 Explain the role of the World Trade Organization (WTO) in the global trade system. How does the WTO contribute to the facilitation of international trade, and what are its primary objectives?   [CO2, 4] [L4] **20**

Q.6 Describe the key functions of UNCTAD, including its research and analysis, policy recommendations, and technical assistance programs. Provide a case study where UNCTAD's functions have had a significant impact on a developing country's trade and development?   [CO4] [L5] **20**

Q.7 Analyze the impact of ADB's initiatives in promoting infrastructure development, such as the construction of transport networks, energy projects, and urban development. How have these initiatives contributed to regional economic growth and connectivity?
                                                                                 [CO2, 3] [L4] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Economics – Third Semester
GOVERNMENT AND POLITICS IN INDIA (BECO-ID-005)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B***. Marks are indicated against each question.*

Q.1   Answer the following in brief:
a) The 42nd Constitutional Amendment Act (1976) introduced two words to the Preamble of India. Please mention them and write a brief on any one of the two words you mention. [CO2][L2]
b) What are the criticisms of Directive Principles of State Policy? Mention any two with a brief statement on each stating as to why it's a criticism. [CO3][L3]
c) What is the difference between Indian and British Model of Government? [CO1][L1]
d) Who form a part of the electoral college for the election of the President of India? Also, specifically mention who cannot vote. [CO4][L5]
e) Write a short note on Certiorari Writ. [CO3][L6]
f) What if the Schedule 7 of the Indian Constitution. Mention in brief [CO4][L2]
g) What is a Money Bill? Who makes a decision if a bill is a money bill? [CO1][L3]
h) What is the difference between the Question hour and the Zero Hour as devices of parliamentary proceedings? [CO2][L4]
i) Mention any two powers that the Rajya Sabha enjoys but the Lok Sabha does not. [CO4][L2]
j) Give two points of differences comparing the pardoning power of President with the Governor. [CO3][L1] **2×10**

PART-A

Q.2   What are the guiding principles of the Preamble of India? Mention any 6. What does "We" in "We the people of India" mean? Is it safe to argue that India is a socialist country in today's context? Comment on the Amendability of the preamble. Specifically mention the judicial cases that have debated the amendability of the constitution. [CO1, 2] [L3, 5] **20**

Q.3   What is a 'National Emergency' and how is the constitution equipped to deal with it? Write a brief note on Article 352, Article 356, Article 360. What are the parliamentary approvals and durations required to proclaim and continue an emergency. Is Emergency different from President's rule? Please comment. [CO2, 4] [L5, 6] **20**

Q.4   With reference to right to equality, please discuss in detail the background and continuing debate about the caste, and economic based reservation in India. [CO2, 4] [L3, 4, 5] **20**

PART-B

Q.5   Please discuss the evolution of Panchayati Raj Institutions (PRI) in India. Kindly discuss the chronological orders of committees that have been setup to review the process. What is the PESA act of 1996 (Extension Act)? Discuss the women reservation in grass root democracy. Has it achieved the desired result? [CO1, 3, 4] [L2, 3, 5] **20**

Q.6   What is the organization of Judiciary in India? Discuss the original and writ Jurisdiction of the Supreme Court. Why are the numbers of pending court cases in India so high? Discuss in detail.   [CO2, 3, 4] [L4, 5, 6] **20**

Q.7   In relation to the Prime Minister's office, discuss the position's stature in Indian Politics. What is the difference between de Jure and de facto power in relation to the above office and the President's office? Are there checks and balances to the powers of the prime minister? Juxtapose the present political situation in the country, with respect to the Prime Minister's position to the period in India's history from 1974-1984.   [CO3, 4] [L3, 5, 6] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
INTRODUCTION TO CALCULUS (BLA-DS-003)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Evaluate the following:

a) $\frac{d}{dx}(2x^2 + 1x)$ [CO2] [L3]

b) $\frac{d}{dx}(8x^3)$ [CO2] [L3]

c) $\frac{d}{dx}\,{}^{5}\!/_{6}\,(2x^4-6x^2-4)$ [CO1] [L3]

d) Plot a graph for the function $f(x)=x^2+2x+1$ [CO1] [L3]

e) $v(x)= 2x^3+5x^2-2x+4$, what is $v'(0)$ [CO2] [L4]

f) $\frac{d}{dx}(\frac{20x-\sqrt{x}}{2})$ [CO2] [L4]

g) $a(x) = (4x+3)^2$, what is $\frac{dy}{dx}$ [CO2] [L4]

h) What is integration?   [CO1] [L2]

i) $\int 4\,dx$ [CO3] [L3]

j) $\int ¿¿)dx$ [CO3] [L3] **2×10**

PART-A

Q.2   What do you mean by multivariable functions? List the numbers – points in space graphically.   [CO1] [L3] **20**

Q.3   Given $a(x) =\prod x^{-0.54}+6x^4$, what is $\frac{d}{dx}a¿)$.   [CO2] [L5] **20**

Q.4 $y=\sqrt{2x^3}-\frac{1}{\sqrt{2x^2}}+2x+\sqrt{2}$, find the derivative of y.   [CO2] [L5] **20**

PART-B

Q.5   Calculate the area under the curve of a function, $f(x) = 7 - x^2$, the limit is given as x = -1 to 2   [CO3] [L5] **20**

Q.6   Evaluate the following: [CO3] [L4] **20**

a) $\int (4+5x)\,dx$

b) $\int ¿¿)\,dx$

c) Integrate $\sqrt[3]{x}+\frac{1}{\sqrt[3]{x}}$ with respect to x

d) $\int 9\,dx$

Q.7   Evaluate the following integral functions:

a) $\int \left(-3 x^2 + 2 x - 4\right) dx$

b) $\int \left(\frac{1}{2} ¿\sqrt[3]{x} + 7\sqrt[4]{x^3}\right) ¿ \, dx$ [CO3] [L4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – First Semester
INTRODUCTION TO SOCIAL WORK (BLA-DS-102)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B***. Marks are indicated against each question.*

Q.1   Answer the following questions:
   a) Social work.
   b) Social development.
   c) Social welfare.
   d) Public welfare.
   e) Charity.
   f) Shramdan.
   g) Voluntarism.
   h) Social reform.
   i) Charity.
   j) Child rights.   [CO-1-3][L-1,2,5] **2×10**

PART-A

Q.2   Discuss basic assumptions of social work profession.   [CO-2,3][L1,2] **20**

Q.3   Elaborate the main provisions of Elizabeth poor law 1601.   [CO-1,3][L-1,2] **20**

Q.4   Illustrate the principle of social work with suitable example.   [CO-1,3][L-1,2,4 5] **20**

PART-B

Q.5   Discuss the basic skills of social work with suitable example.   [CO-2,3][L- 4,5] **20**

Q.6   Elaborate the functions and goals of social work.   [CO-12][L-1,2,3] **20**

Q.7   Examine the history of development of social work in India.   [CO1,3][L-1,2] **20**

Supplementary Examination, August 2023
B.A. (Liberal Arts) – First Semester
INTRODUCTION TO STATISTICS (BLA-DS-103)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Explain the following:
   a) Use of statistics in research.
   b) Dependent variable.
   c) Advantages of Mean.
   d) Types of dispersion.
   e) Types of correlation.
   f) Variance
   g) Types of statistics.
   h) Scale of measurement.
   i) Range
   j) Steps of research.   **2×10**

PART-A

Q.2   The frequency table of the monthly salaries of 20 people is shown below:

Salary (in $) Number of people with this salary

Salary (in $)	Number of people with this salary
3500	5:
4000	8:
4200	5:
4300	2:

   a) Calculate the mean of the salaries of the 20 people.
   b) Calculate the standard deviation of the salaries of the 20 people.   [CO1] [L5] **20**

Q.3   Elaborate the significance of statistics in research.   [CO1, 3] [L2, 4] **20**

Q.4   Elaborate different form of graphical representation of data with examples.
                                                                                [CO1, 2] [L3, 4, 5] **20**

PART-B

Q.5   Explain the concept and types of variable with examples.   [CO2] [L4, 5, 6] **20**

Q.6   Calculate the Mean, Median and Mode of the following frequency:
       X = 7, 8, 9, 4, 6, 7, 8, 8, 7, 6   [CO1] [L4, 5] **20**

Q.7   Calculate the coefficient of correlation of the following data by Spearman's rank correlation method:
       X 19, 24, 12, 23, 19, 16
       Y   9, 22, 20, 14, 22, 18   [CO1] [L3, 4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts). – First Semester
UNDERSTANDING POLITICAL THEORY (BLA-DS-104)

Time: 3 hrs.   Max   Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Political theory.
   b) Procedural democracy.
   c) Feminism.
   d) Karl Marx's critique of capitalism.
   e) Empiricism in political theory.
   f) Democracy and dictatorship.
   g) Conservative approach.
   h) Historical approach.
   i) Limitations of deliberative democracy.
   j) Anarchist tradition of political theory.   [CO2][L2] **2×10**

PART-A

Q.2   Define 'political theory'. Why is it important to study political theory?
[CO1][L-1,2,5,6] **20**

Q.3   According to you, which form is the best form of democracy. Discuss the difference between deliberative democracy and procedural democracy.   [CO-4][L-3,4] **20**

Q.4   Define the three different approaches to the study of political theory. Highlight and discuss the difference between historical and empirical approaches to the study of political theory.   [CO-2][L-2,4,5] **20**

PART-B

Q.5   What are the two types of liberalism? How is liberal tradition different from anarchist tradition?   [CO-2][L-1, 3, 5] **20**

Q.6   Discuss the contemporary perspective of postmodernism.   [CO-2][L-1, 2, 6] **20**

Q.7   Why are participation and representation important aspects of democracy?
[CO-2][L-4, 6] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
VEDIC MATHEMATICS (BLA-DS-301)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 2

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1 Write short notes on the following questions:
   a) Discuss nihilism method of subtraction.
   b) Explain Steps of finding cubes in vedicmaths.
   c) With the help of a hypothetical example explain mixed base method of multiplication.
   d) Explain the dot method of addition with example.
   e) Explain the method of finding cube with example.
   f) Define Squaring of numbers.
   g) Discuss the uses of vedicmaths.
   h) Discuss rules of multiplication by number consisting of all 9.
   i) Explain best friend method of multiplication with example.
   j) Explain the tricks of Multiplication of complementary numbers in vedicmaths.

   [CO1][L2] **2×10**

PART-A

Q.2 a) Discuss the steps of finding square roots in vedicmaths.
   b) Find:
      i) $\sqrt{18}$
      ii) $\sqrt{361}$
      iii) $\sqrt{56}$
      iv) $\sqrt{98}$
      v) $\sqrt{48}$

   [CO1, 3] [L1, 2, 3] **10×2**

Q.3 a) Multiply:
      i) 13×14
      ii) 115×147
      iii) 202×209
      iv) 14×16
   b) Multiply:
      i) 93×98
      ii) 94×95
      iii) 6×8
      iv) 87×92
   c) Multiply:
      i) 9×14
      ii) 95×112
      iii) 86×109
      iv) 198×205

   [CO2] [L1, 2, 3] **20**

Q.4 Find Cube of following
   $(43)_3 2)(69)_3 3)(72)_3 4)(95)_3 5)(27)_3$

   [CO1, 3] [L1, 2, 4] **20**

P.T.O.

PART-B

Q.5   Add the following by dot method (shudh method)

5	97	49	9721	2461
7	64	63	2135	4685
6	89	78	5678	6203
8	26	85	207	1234
4	+ 71	+ 97	+ 1237	+ 5432
+ 9				

[CO3] [L5, 6] **20**

Q.6   a) Discuss the steps of finding cube roots in vedicmaths
     b) Find:
       i) 103^3
       ii) 996^3

[CO1,3] [L1, 2, 3] **20**

Q.7   Discuss the steps of multiplication of any number by 11 and 12.
     a) i)   56 × 11
       ii) 87 × 11
       iii) 45 × 11
       iv) 56 × 11
       v) 23 × 11
     b) i)   27 × 12
       ii) 67 × 12
       iii) 67 × 12
       iv) 34 × 12
       v) 78 × 12

[CO1,3] [L1,3] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
ISSUES IN INDIAN POLITICS (BLA-DS-302)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following questions:
   a) Princely States.   [CO1] [L1]
   b) Mention any two powers of Indian President.   [CO2] [L1]
   c) Hindutva.   [CO3] [L1]
   d) AAP   [CO3] [L1]
   e) Right against exploitation.   [CO1] [L2]
   f) Welfare State.   [CO4] [L1]
   g) Limitations on fundamental rights.   [CO2] [L2]
   h) Right to freedom of speech and expression.   [CO1] [L1]
   i) Neo-liberalism.   [CO4] [L1]
   j) Judicial Activism.   [CO2] [L1] **2×10**

PART-A

Q.2   Compare the Liberal and Marxist approach to study the Indian State.   [CO1] [L4] **20**

Q.3   "Indian Constitution is a reflection of rigidity and flexibility". Defend the proposition. Enumerate key powers of the Indian Prime Minister.   [CO2] [L5, 1] **20**

Q.4   Analyze the controversy between Indian Parliament and Judiciary in the light of Basic Structure Doctrine.   [CO3] [L4] **20**

PART-B

Q.5   Compare different power structures caste, class and gender in Indian society. Which one do you find the most troublesome? Assess.   [CO3] [L4, 5] **20**

Q.6   How did the party system evolve in Indian politics? Illustrate.   [CO3] [L4] **20**

Q.7   Examine the controversy surrounding Indian secularism and practices of communalism.   [CO4] [L5] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
PROBABILITY AND DISTRIBUTION (BLA-DS-303)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
  a) What is the difference between an event and an outcome?   [CO1][L2]
  b) What do you mean by continuous probability distribution?   [CO2][L2]
  c) What are type 1 and type 2 errors?   [CO3][L3]
  d) What are simple and composite events?   [CO1][L2]
  e) What is central Limit theorem?   [CO1][L3]
  f) What is a contingency table?   [CO2][L2]
  g) What is the significance of p -value in chi-square test?   [CO3][L4]
  h) What are nonparametric statistics?   [CO3][L3]
  i) How do you use the median test?   [CO3][L3]
  j) What is Wilcoxon Mann Whitney test used for?   [CO3][L3] **2×10**

PART-A

Q.2   A small bin contains 50 rubber balls. Of them, 26 are red and 24 are green. If one ball is randomly selected out of the bin, what is the probability that this ball is:
  a) Red.
  b) Green.   [CO1][L3] **10×2**

Q.3   All 500 employees of a company were asked whether they are smoker or non-smokers of cigarettes and whether or not they are college graduates. Based on this information, the following two-way classification table is prepared:

	College graduate	Not a college graduate	Total
Smoker	55	100	155
Non- smoker	150	195	345
Total	205	295	500

Suppose one employee is selected at random from the company. Find the following probabilities:
  a) P (College graduate or smoker).
  b) P (smoker or not a college graduate).
  c) P (smoker or smoker).   [CO1][L4] **20**

Q.4   Table 3 lists the probability distribution of x, where x is the number of car accidents that occur in a city during a week.

x	0	1	2	3	4	5	6
P(x)	0.12	0.16	0.22	0.17	0.15	0.12	0.06

  a) Draw a line graph for the probability distribution.
  b) Find the probability that the number of car accidents that will occur during a given week in the city is:
     i) Exactly 4
     ii) At least 3
     iii) Less than 3

P.T.O.

iv) 3 to 5   [CO2] [L3] **20**

PART-B

Q.5   What are nonparametric tests? Discuss the reasons to use non-parametric tests.
                                                                 [CO2][L4] **20**

Q.6   What is the difference between univariate and multivariate data? Discuss different
       methods to analyse them.   [CO3][L3] **20**

Q.7   Discuss the utility of Spearman's rank correlation test with an example.   [CO3][L4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
COLONIALISM AND NATIONALISM IN INDIA (BLA-DS-304)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Non-cooperation.   [CO1][L1]
   b) Imperialist.   [CO2][L1]
   c) Subaltern.   [CO2][L1]
   d) Civil disobedience.   [CO1][L2]
   e) Quit India movement.   [CO1][L2]
   f) Swadeshi moxcment.   [CO1][L1]
   g) Socialism.   [CO2][L2]
   h) Communism.   [CO3][L1]
   i) Bhagat singh.   [CO1][L2]
   j) Caste politics.   [CO1][L1] **2×10**

PART-A

Q.2   What are the approaches to study nationalism in India? Explain any two approaches with examples.   [CO1][L6] **20**

Q.3   Do you see any role of colonial ruler in establishing institutions like education, administration, judiciary etc? Do you need any reform in these institutions? Take any one institution explain why do we need reforms?   [CO2][L4] **20**

Q.4   What is your opinion on 1857 incident in Independence movement? Do you call it 1857 Mutiny of Sepoys or first war of independence? Explain in detail.   [CO1][L5] **20**

PART-B

Q.5   What are the different phases of nationalist movement? Can we learn anything from nationalist movement?   [CO3][L6] **20**

Q.6   Do you think caste plays an important role in Indian politics? How significant non-Brahmin movement in Indian politics?   [CO3][L5] **20**

Q.7   Explain the non-cooperation and quit India movement in independence movement of India.   [CO3][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Third Semester
UNDERSTANDING HUMAN PSYCHE (BLA-DS-305)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Define 'sensory memory'.   [CO1] [L1]
   b) Name the part of the brain responsible for memory.   [CO1] [L1]
   c) Define 'divided attention'.   [CO2] [L2]
   d) What is ID according to Freud?   [CO1] [L1]
   e) Riding a bicycle will come under which memory?   [CO3] [L4]
   f) Define 'intrinsic motivation' with example.   [CO2] [L3]
   g) Briefly explain 'algorithm'.   [CO2] [L3]
   h) Write about Spontaneous recovery.   [CO2] [L2]
   i) Define 'learning'.   [CO1] [L2]
   j) What is trail and error method?   [CO2] [L3] **2×10**

PART-A

Q.2   Explain Sigmund Freud's Psychoanalytic theory.   [CO3] [L4] **20**

Q.3   What is attention? Elaborate on theories of Broadbent and Treismen theory of attention.   [CO3] [L3] **20**

Q.4   Critically analyze B.F Skinners's operant conditioning with suitable examples.   [CO4] [L6] **20**

PART-B

Q.5   Elaborate upon memory. Write about different types of memory with appropriate example.   [CO2] [L5] **20**

Q.6   With suitable example write about different types of problem solving.   [CO5] [L5] **20**

Q.7   Critically analyze James Lange theory of emotion with real life example.   [CO4] [L6] **20**

End Semester Examination, Dec. 2023

B.A. (Liberal Arts) – Fifth Semester

CRITICAL THINKING AND UNDERSTANDING (BLA-DS-501)

Time: 3 hrs.　　　　　　　　　　　　　　　　　　　　　　　　Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1　Write short notes on the following questions:
- a) Critical thinking.　　　　　　　　　　　　　　　　　　　[CO2][L1]
- b) Understanding.　　　　　　　　　　　　　　　　　　　　[CO1][L2]
- c) Creative thinking.　　　　　　　　　　　　　　　　　　　[CO1][L2]
- d) Enlightenment.　　　　　　　　　　　　　　　　　　　　[CO1][L2]
- e) Scientific method.　　　　　　　　　　　　　　　　　　　[CO2][L1]
- f) Fallacy.　　　　　　　　　　　　　　　　　　　　　　　[CO1][L2]
- g) Argument.　　　　　　　　　　　　　　　　　　　　　　[CO1][L2]
- h) Socrates view on questioning technique.　　　　　　　　[CO3][L1]
- i) Research.　　　　　　　　　　　　　　　　　　　　　　[CO2][L1]
- j) Karl popper　　　　　　　　　　　　　　　[CO2][L1] **2×10**

PART-A

Q.2　Explain critical thinking, creative thinking and understanding.　　[CO1][L2] **20**

Q.3　Analyze how critical thinking supports education for sustainable development? [CO3][L4] **20**

Q.4　Evaluate different thinker's perspective on critical thinking and understanding.　[CO2][L5] **20**

PART-B

Q.5　Examine the importance of critical thinking in the classroom and at the workplace.　　　　　　　　　　　　　　　　　　　　[CO3][L3] **20**

Q.6　What is science? Discuss the importance of research in natural and social sciences.　　　　　　　　　　　　　　　　　　　[CO3][L1] **20**

Q.7　What is an argument? Discuss the two types of argument and different kinds of fallacies.　　　　　　　　　　　　　　　　　　　[CO1, 3][L1] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Fifth Semester
DIFFERENCE AND INEQUALITY IN SOCIETY (BLA-DS-502)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1 **Write short notes on:**
a) Positivism. [CO3] [L1]
b) Consensus perspective. [CO1] [L1]
c) Conflict perspective. [CO2] [L2]
d) Social Structure. [CO2] [L1]
e) Interpretative perspective. [CO1] [L2]
f) Status. [CO4] [L2]
Answer the following in brief:
g) What is group? [CO1] [L1]
h) What is social stratification? [CO1] [L1]
i) What is culture? [CO2] [L2]
j) What is power? [CO1] [L2] **2×10**

PART-A

Q.2 What is social structure? Does social structure promote the advancement of humanity, or does it act as an obstacle to liberation? [CO1] [L4] **20**

Q.3 What is social and natural stratification? Analyze the difference between both social and natural stratification. [CO3] [L5] **20**

Q.4 What is the ongoing debate between culture and nature? Given the choice, which path-culture or nature-would you opt for to lead a content and fulfilled life? [CO2] [L4] **20**

PART-B

Q.5 What is conflict theory, and how does the conflict perspective perceive society? [CO3] [L3] **20**

Q.6 Explain the concept of hierarchy and difference with life example. Can society exist without hierarchy? Prove your answer. [CO3] [L5] **20**

Q.7 What is positivistic theory? Can you provide an overview of the positivistic approach to studying sociology? [CO3] [L6] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Fifth Semester
UNITED NATIONS AND GLOBAL CONFLICTS (BLA-DS-503)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Veto power in UNSC.   [CO1][L1]
    b) Mao zedong.   [CO2][L1]
    c) Viet cong.   [CO1][L1]
    d) Operation ranch-hand.   [CO2][L1]
    e) Agent orange.   [CO1][L1]
    f) Pusan perimeter.   [CO1][L1]
    g) Operation rolling thunder.   [CO1][L1]
    h) United nations assistance mission for Rwanda.   [CO1][L1]
    i) Chemical weapons and UN.   [CO1][L1]
    j) UNDP.   [CO1][L1] **2×10**

PART-A

Q.2   What are the functions and roles of the principal organs of United Nations? Explore the geopolitical context within which the UN was conceptualized.   [CO2][L1, 2, 3] **20**

Q.3   Do you think United Nations Security Council has failed to ensure peace and security in the world? Argue with one global conflict.   [CO2][L1, 2, 3, 4] **20**

Q.4   What has been the role of United Nations in Korean War?   [CO3][L1, 2, 3] **20**

PART-B

Q.5   "United Nations has successfully prevented World War III". Do you agree with this statement? Argue with respect to any global conflict.   [CO2][L1, 3, 5] **20**

Q.6   Explain the debate on the United Nations Security Council reforms.   [CO3][L5] **20**

Q.7   How has United Nations played a role in the Afghanistan War? Assess its role as a mediator of peace.   [CO2] [L1, 2, 3, 4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Fifth Semester
NATIONALISM IN INDIA (BLA-DS-504)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on:
   a) Nationalism.   [CO1][L1]
   b) Multiculturalism.   [CO3][L1]
   c) Ethnic nationalism.   [CO2][L1]
   d) Define nation-state.   [CO1][L1]
   e) Cultural Nationalism.   [CO2][L1]
   f) Democracy.   [CO2][L1]
   g) Nazism.   [CO1][L1]
   h) Socio-Religious reform.   [CO1][L1]
   i) American Revolution.   [CO2][L1]
   j) Unification of Italy.   [CO1][L1] **2×10**

PART-A

Q.2   Explain the concept of nationalism. Discuss various approaches of nationalism.
                                                                   [CO2][L4] **20**

Q.3   Critically examine nationalism in Indian freedom struggle.   [CO2][L4] **20**

Q.4   Discuss the different traditions of nationalism.   [CO2][L4] **20**

PART-B

Q.5   Explicate the evolution of Nationalism throughout the world history. [CO2][L5] **20**

Q.6   Examine correlation between democracy and nationalism.   [CO2][L4] **20**

Q.7   Evaluate contemporary perspectives on nationalism.   [CO2][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Fifth Semester
UNDERSTANDING POPULAR CULTURE (BLA-DS-505)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short notes on the following questions:
   a) Culture   [CO1] [L1]
   b) Popular Culture   [CO1] [L1]
   c) Socialization   [CO2] [L1]
   d) Acculturation   [CO2] [L1]
   e) Cultural Lag   [CO2] [L1]
   f) Traits   [CO2] [L1]
   g) MC Donaldization   [CO3] [L1]
   h) Social Order   [CO2] [L1]
   i) Define social position   [CO2] [L1]
   j) Globalization   [CO3] [L1] **2×10**

PART-A

Q.2   Explain culture. Describe the theoretical approaches to the study of culture. [CO1][L2] **20**

Q.3   Discuss the role of agencies of socialization. How important is the process of socialization in dissemination of culture.   [CO2] [L2] **20**

Q.4   Discuss the different thinkers perspective with respect to social order. Describe the relationship between social order and culture.   [CO2] [L2] **20**

PART-B

Q.5   Examine the various characteristics of culture and popular culture.   [CO1, 2] [L3] **20**

Q.6   What is Cultural relativity? Analyze cultural relativity as an alternative to ethnocentrism.   [CO3] [L1, 4] **20**

Q.7   What do you think about the formation of status and role in society? Describe status and role with reference to culture.   [CO3] [L1, 2] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – First Semester
CRITICAL THINKING (BLA-FAEC-107)

Time: 2 hrs.

Max Marks: **50**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Explain in brief what is Gothic clock?   [CO1][L1]
   b) Write short notes on:
      i) Vedanta
      ii) Samkhya   [CO2][L1]
   c) Mention the two forms of identifying data errors.   [CO1][L1]
   d) Describe briefly what is Naya?   [CO2][L1]
   e) Mention two important aspects of Janitrol reports.   [CO2][L1]
   f) Give one suitable example of an argument.   [CO1][L1]
   g) Describe the two significance aspects of Mantra-yoga.   [CO2][L1]
   h) Differentiate between sentence and proposition.   [CO1][L1]
   i) What do you understand by the term 'Critical thinking'?   [CO1][L1]
   j) Explain in brief whether the scientific invention is a boon or bane.   [CO1][L1] **2×10**

PART-A

Q.2   Critically examine and make a comparative detail study on different features of western and eastern culture.   [CO2][L5] **20**

Q.3   Elaborate in details the differences between the sentence and proposition. [CO3][L4] **20**

Q.4   Discuss in details the basic logical significance of validity and soundness.   [CO3][L4] **20**

PART-B

Q.5   Critically examine the contemporary relevance of Buddhist philosophy.   [CO3][L5] **20**

Q.6   Discuss in details the postulation of general characteristics of an Indian philosophy.
                                                                                 [CO3][L4] **20**

Q.7   Elaborate in details the significant role of a scientific revolution.   [CO3][L4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – First Semester
PSYCHOLOGY OF LIVING (BLA-FDSC-103)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1 Write short notes on the following:
   a) 'Sensation is the prerequisite of perception' explain how? [CO1][L2]
   b) Draw the information processing model with brief explanation. [CO3][L4]
   c) Define 'intelligence'. What is fluid intelligence? [CO4][L3]
   d) Write a short note on facial feedback hypothesis. [CO2][L4]
   e) Explain the relationship between encoding, storage and retrieval with example.
   [CO3][L4]
   f) How physiological responses helped us to evolve and survive as humans? [CO2][L5]
   g) Why we called emotions is a psychological feeling in nature? [CO2][L4]
   h) Discuss the role of eyes in perception. [CO1][L2]
   i) Explain the concept of chamfering. [CO1][L2]
   j) Observational leaving. [CO3][L2] **2×10**

PART-A

Q.2 Throw light on the main assumptions of depth perception and how cues influence the individual's depth perception? Explain with the help of relevant example. [CO2] [L5] **20**

Q.3 Elucidate the various related concept of attention fluctuation and attentional shift. How attention is necessary to function in everyday life? [CO2] [L5] **20**

Q.4 Draw information processing model and explain the role of each type of memory with example. Discuss the basic strategies to improve memorization. [CO3] [L4] **20**

PART-B

Q.5 Define intelligence and its different types. Throw light on the any two specific tools of intelligence and their role. [CO3] [L4] **20**

Q.6 How happiness changes the perception and emotion of an individual? Critically explain the facial feedback hypothesis. [CO4] [L6] **20**

Q.7 Explain the concept of motivational cycle. Elucidate any two famous theories of motivation with example and merit/demerits. [CO4] [L5] **20**

End Semester Examination, Dec. 2023

B.A. (Liberal Arts) – First Semester

INTRODUCTION TO POLITICAL PHILOSOPHY (BLA-FDSC-102)

Time: 3 hrs.

Max Marks: **100**

No. of pages: *1*

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short notes on the following questions:
a) Aristotle's Ideal State.
b) Divine Theory and Aquinas.
c) Machiavelli and Secular thought.
d) Leviathan and State.
e) Idea of Power in Machiavelli.
f) Puritan Revolution.
g) Postmodernism.
h) Locke's state of nature.
i) Base and superstructure.
j) Marxist dialectical materialism.   [CO1,2][L1] **2×10**

PART-A

Q.2   What are the differences in Plato and Aristotle's Idea of State?   [CO2][L1, 3] **20**

Q.3   Why is Machiavelli considered being the father of impious politics? What kind of morality is he justifying in The Prince?   [CO2][L4] **20**

Q.4   What is Tagore's idea of a nation? Illustrate.   [CO3][L3] **20**

PART-B

Q.5   What is the Marxist critique of capitalism? Illustrate.   [CO2][L5] **20**

Q.6   How has the relation between religion and state evolved during Medieval Political thought?   [CO3][L4] **20**

Q.7   What is M N Roy's understanding of radical humanism?   [CO2][L4] **20**

End Semester Examination, Dec. 2023

B.A. (Liberal Arts) – First Semester

SOCIAL STRATIFICATION (BLA-FGE-106)

Time: 3 hrs.

Max Marks: **100**

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Define social stratification.
   b) Hierarchy.
   c) Social mobility.
   d) Social inequality.
   e) Equity.
   f) Discrimination.
   g) Educational inequality.
   h) Indicators of health inequality.
   i) Functionalism and social stratification.
   j) Ethnic stratification.   [CO1, 2, 3] [L1, 2, 3, 4, 5] **2×10**

PART-A

Q.2   Elaborate the wealth, power, prestige dimensions of social stratification.
[CO1, 3][L1, 2, 3] **20**

Q.3   Discuss the social determinants of health and its impact on access of healthcare.
[CO2][L1, 2, 3] **20**

Q.4   Define types of social mobility. Discuss the historical and contemporary issues related with gender in stratification of society.   [CO1, 3][L1, 2, 4] **20**

PART-B

Q.5   Elaborate the conflict and symbolic internationalism perspective of social stratification.
[CO3][L5, 6] **20**

Q.6   Elaborate the causes of skill based social mobility and its impact on social stratification.
[CO1, 3][L1, 2, 3] **20**

Q.7   Discuss social reproduction theory in context of social stratification. [CO1, 3] [L1, 3] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – First Semester
INTRODUCTION TO DATA (BLA-FSEC-108)

Time: 2 hrs.   Max Marks: **50**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
a) Median.   [CO1][L2]
b) Mean.   [CO1][L2,3]
c) Interval scale.   [CO2][L1,2]
d) Mode.   [CO1][L1,4]
e) Limitation of data.   [CO3][L1,2,3]
f) Qualitative data.   [CO2][L1,2,3]
g) Quantitative data.   [CO3][L2,3]
h) Data mining.   [CO2][L1,2]
i) Data manipulation.   [CO1][L2,3]
j) Define data.   [CO1, 2, 3][L1, 2, 3, 4, 5] **1×10**

PART-A

Q.2   Discuss the importance and limitations of central tendency.   [CO3][L4, 5, 6] **10**

Q.3   Discuss the types and scales of measurement of data.   [CO2][L4, 5] **10**

Q.4   Define positional average. Discuss its types with examples.   [CO2][L3, 4] **10**

PART-B

Q.5   Discuss the advantages and disadvantages of data manipulation.   [CO1][L5] **10**

Q.6   Discuss the types of data and its advantages in research.   [CO1, 3][L2, 4] **10**

Q.7   Elaborate the significance of data analysis.   [CO1, 3][L2, 4] **10**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – First Semester
CREATIVE COMMUNICATION (BLA-FVAC-109)

Time: 3 hrs.   Max Marks: **100**
No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
a) Define what is creative communication?   [CO1] [L1]
b) Mention two important points why the student needs to take up creative communication as a discipline?   [CO1] [L1]
c) State one point how creative communication can enhance writing skills?   [CO2] [L2]
d) Mention one valid point of United State's perspective on creative communication.   [CO2] [L2]
e) How creative communication play a significant rote at United Kingdom university?   [CO2] [L2]
f) What is the opinion of Henry James on creative communication?   [CO2] [L2]
g) Mention one point situating the history of creative communication.   [CO2] [L2]
h) How creative communication is treated as an interdisciplinary subject?   [CO2] [L2]
i) How creative communication becomes relevant in this contemporary writings?   [CO2] [L2]
j) Why creative writing needs to be introduced at the University?   [CO1] [L2] **2×10**

PART-A

Q.2   Discuss in details why creative communication needs to be introduced in the university?
[CO3][L4] **20**

Q.3   Critically examine how creative communication as a discipline is different from other subjects?   [CO3][L4] **20**

Q.4   Elaborate in details the growth and history of creative communication as a discipline.
[CO3][L4] **20**

PART-B

Q.5   Elaborate in details how assessment in the writing industries is different from non-creative assessments items?   [CO3][L4] **20**

Q.6   Explain briefly how one can develop the working habits of writing skills?   [CO3][L4] **20**

Q.7   Explain the significance role of writing and editing in a creative communication.
[CO3][L4] **20**

End Semester Examination, Dec. 2023
B.A. (Liberal Arts) – Fifth Semester
HUMAN RESOURCE MANAGEMENT (BLA-ID-001)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following questions:
   a) Objectives of HRM.   [CO-1][L2,3]
   b) Human resource development.   [CO-2][L1,3]
   c) Job analysis.   [CO-2][L3,4]
   d) Selection procedure.   [CO-3][L1,2]
   e) Types of training.   [CO-1][L1,5]
   f) Gender discrimination.   [CO-2][L1,2,3]
   g) Wages.   [CO-1][L1,2]
   h) Ranking method.   [CO-2][L2,3]
   i) Career development.   [CO-1][L2,3]
   j) MBO   [CO-3][L2,3] **2×10**

PART-A

Q.2   Discuss the principles of wage management. Discuss the factors affecting wages in an organization.   [CO2][L4,5,6] **20**

Q.3   Discuss the significance of planning for an organization. Explain the objective of human resource planning.   [CO1][L4,5] **20**

Q.4   Explain the factors affecting recruitment. Discuss the advantages of internal and external recruitment.   [CO1][L3,4] **20**

PART-B

Q.5   Elaborate the need and importance of training in an organization.   [CO1][L5] **20**

Q.6   Discuss the steps of selection process with suitable examples.   [CO1,3][L2,4] **20**

Q.7   Discuss the importance of performance appraisal, for employee and employer.
                                                                               [CO1,3] [L1,2] **20**

End Semester Examination, Dec. 2023
OPEN ELECTIVE - COMMON FOR ALL BRANCHES
HAPPINESS AND WELLBEING (BLA-OE-006)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Explain the meaning of good health.
   b) List happiness hormones.
   c) What are the practices to influence happiness hormones?
   d) What are the techniques to be followed to maintain good health and relaxed life?
   e) What are the most promising methods for maintaining good health and happiness in life?
   f) How to transform unhappiness to happiness?
   g) What are the techniques to release stress and achieve relaxation?
   h) How does happiness and lifestyle influence good health?
   i) How would you define lifestyle?
   j) What is the role and importance of routine and discipline in life?

[CO-1,2,3] [L-2,3] **2×10**

PART-A

Q.2   How does stress influence our health and happiness in life?   [CO-2] [L-2] **20**

Q.3   Life style and happiness of individuals are deeply interconnected with each other. Explain.   [CO-2] [L-3] **20**

Q.4   Explain health and happiness. What are the important aspects and parameters of life in maintaining good health?   [CO-2] [L-4] **20**

PART-B

Q.5   What are emotions? What role do they play in health and happiness?

[CO-2] [L-3] **20**

Q.6   What practice techniques you will adopt when faced with negativity, stress or unforeseen challenges?   [CO-3] [L-3] **20**

Q.7   How happiness and well-being impacts positive growth in life?   [CO-3] [L-4] **20**

End Semester Examination, Dec. 2023
OPEN ELECTIVE - COMMON FOR ALL BRANCHES
HEALTHCARE ENTREPRENEURSHIP AND GOVERNANCE (BLA-OE-007)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1 Write short notes on the following:
   a) What do you understand by entrepreneurship in healthcare?
   b) What is the contribution of entrepreneurship in improving healthcare outcomes?
   c) What opportunities exist for entrepreneurs in healthcare?
   d) Give example of two successful entrepreneurial ventures in healthcare.
   e) Give four components of developing an effective business model in healthcare.
   f) Give example of healthcare best practices in eye care.
   g) Give two prominent risks pertaining to healthcare entrepreneurship firms.
   h) What are the growth opportunities for entrepreneurs in healthcare in 2023?
   i) Give two governance issues pertaining to capital in healthcare entrepreneurship.
   j) How do we build sustainable healthcare models? [CO-1,2,3][L-2,3] **2×10**

PART-A

Q.2 What are the salient features of public health entrepreneurship? What opportunities exists for healthcare entrepreneurs? [CO-1][L-3] **20**

Q.3 Discuss the innovations in business models components with respect to blue ocean strategies and creating market disruptions. [CO-1][L-3] **20**

Q.4 Discuss the pertinent policy questions for creating an effective and foolproof business model for healthcare enterprises in India. [CO-2][L-4] **20**

PART-B

Q.5 Discuss the revolution in eye care services to the citizen in relation to business model and policy perspective in healthcare. [CO-2][L-3] **20**

Q.6 Discuss the governance issues pertaining to structure, capital and human resources in healthcare. [CO-3][L-4] **20**

Q.7 Discuss the strategies to overcome risks and build sustainable healthcare enterprises. [CO-3][L-4] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – First Semester
UNDERSTANDING POLITICAL THEORY (BPOL-DS-101)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all;* **Q.1** *is* **compulsory**. *Attempt any **TWO** questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Importance of political theory.   [CO1][L2]
    b) Historical approach of political theory.   [CO2][L2]
    c) Participation and Representation.   [CO2][L2]
    d) Marxist tradition of political theory.   [CO2][L1]
    e) Empirical approach of political theory.   [CO2][L2]
    f) Types of democracy.   [CO3][L3]
    g) Conservative approach.   [CO2][L2]
    h) Deliberative democracy.   [CO3][L2]
    i) Procedural democracy.   [CO3][L2]
    j) Anarchist tradition of political theory.   [CO2][L3] **2×10**

PART-A

Q.2   Define political theory and discuss its significance.   [CO1] [L1, 2, 3, 5, 6] **20**

Q.3   What is procedural democracy? How is it different from deliberative democracy?
                                                        [CO4] [L1, 2, 3, 4] **20**

Q.4   Compare and contrast different approaches of political theory.   [CO2] [L1, 2, 3, 4, 5] **20**

PART-B

Q.5   Define liberalism and its types. Elaborate the characteristics of liberal tradition.
                                                        [CO2] [L1, 3, 4, 5, 6] **20**

Q.6   Elucidate on the elements of post modernism.   [CO2] [L1, 2, 3, 4, 6] **20**

Q.7   Is feminism relevant in contemporary times? Discuss the major approaches to the study of feminism.   [CO3] [L1, 2, 3, 4, 5, 6] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – First Semester
CONSTITUTIONAL GOVERNMENT AND DEMOCRACY IN INDIA
(BPOL-DS-102)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Article 368.   [CO3] [L1]
    b) Effective vs special majority.   [CO1] [L1]
    c) Suspension of fundamental rights.   [CO2] [L1]
    d) Six democratic freedoms.   [CO2] [L1]
    e) Article 32.   [CO3] [L1]
    f) Types of Bills.   [CO3] [L1]
    g) Emergency Provisions.   [CO4] [L1]
    h) Balwant Rai Mehta Committee.   [CO2] [L1]
    i) Jurisdiction of Supreme Court.   [CO2] [L1]
    j) Finance Committee.   [CO1] [L1] **2×10**

PART-A

Q.2   Examine the role and contributions of the constituent assembly in framing the Indian Constitution.   [CO2] [L2] **20**

Q.3   How far do you agree with the fact that Fundamental Rights get precedence over DPSPs in the Indian Constitution? Give reasons in support of your answer.[CO1]   [L4] **20**

Q.4   Discuss the evolution and development of the Panchayati Raj System in India.
                                                          [CO4] [L3] **20**

PART-B

Q.5   Critically examine the role of the Prime Minister in the Parliamentary system in reference to coalition and single-party-dominant government.   [CO1] [L5] **20**

Q.6   Discuss Judicial review in the context of the basic structure of the Indian Constitution.
                                                          [CO3] [L3] **20**

Q.7   "India is a quasi-federal state". Evaluate.   [CO2] [L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – First Semester
LEGISLATIVE PRACTICES AND PROCEDURES (BPOL-DS-103)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Union list and concurrent list.   [CO1][L1,2]
    b) Two recommendations of balwant mehta committee.   [CO1][L1,2]
    c) Financial and constitutional emergencies.   [CO2][L2]
    d) Two functions of gram panchayat.   [CO1][L1]
    e) Money bill.   [CO3][L2]
    f) Adjournment motion.   [CO1][L2]
    g) Government and private member bill.   [CO1][L2]
    h) Standing committee.   [CO1][L2]
    i) Demand for grants.   [CO1][L1]
    j) Economy cut.   [CO1][L2] **2×10**

PART-A

Q.2   Explain the distinctions between a Legislative Assembly and a Legislative Council, and delve into the extensive powers and functions of members of the Legislative Assembly.
[CO3][L1, 2, 3, 4] **20**

Q.3   Define your understanding of rural local self-government and elaborate on the roles and responsibilities of Panchayats as outlined in the 74th Constitutional Amendment Act of 1992.
    [CO1][L1, 2] **20**

Q.4   Discuss the procedure of law making in India in great detail. For what purpose, the Joint sitting of the Parliament is usually set up?   [CO3][L1, 2, 3, 4, 5] **20**

PART-B

Q.5   Examine the origins, significance, and various categories of parliamentary committees.
[CO3][L1, 2, 3, 4, 5, 6] **20**

Q.6   Examine the different phases involved in the creation, approval, and implementation of the union budget.   [CO2][L1, 2, 3, 4, 5, 6] **20**

Q.7   Provide a concise overview of the mass media in India and delineate its various constituents.   [CO1][L1, 2, 3] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Third Semester
INTRODUCTION TO COMPARATIVE GOVERNMENT AND POLITICS
(BPOL-DS-301)

Time: 3 hrs.　　　　　　　　　　　　　　　　　　　　　　　　Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1　Write short notes on the following:
　　a) Normative approach.　　　　　　　　　　　　　　　　　[CO1] [L2]
　　b) The Renaissance.　　　　　　　　　　　　　　　　　　[CO1] [L2]
　　c) Define Communalism.　　　　　　　　　　　　　　　　[CO1] [L2]
　　d) Globalization.　　　　　　　　　　　　　　　　　　　[CO1] [L2]
　　e) Mixed Economy.　　　　　　　　　　　　　　　　　　[CO2] [L2]
　　f) Labor Value Theory.　　　　　　　　　　　　　　　　[CO1] [L1]
　　g) What is Comparative Politics?　　　　　　　　　　　　[CO2] [L3]
　　h) Lenin theory of revolution.　　　　　　　　　　　　　[CO1] [L2]
　　i) Impact of colonialism.　　　　　　　　　　　　　　　[CO2] [L3]
　　j) Mercator's projection.　　　　　　　　　　　[CO2] [L3] **2×10**

PART-A

Q.2　Define 'Capitalism'. Discuss the important features of a capitalist economy. Do you agree globalization is the face of modern Capitalism?　　　　　　[CO3] [L2] **20**

Q.3　What do you understand about Eurocentrism? Highlight its impact on comparative politics.　　　　　　　　　　　　　　　　　　　　[CO2] [L3] **20**

Q.4　What do you understand by comparative politics? Examine the changing nature and scope of comparative politics.　　　　　　　　　　　　　[CO2] [L4] **20**

PART-B

Q.5　Define the fundamental characteristics of colonialism, and delve into the various historical phases of colonialism, providing relevant examples.　　[CO1] [L3] **20**

Q.6　Discuss the concept of socialism, elaborating on its core principles. Furthermore, define how socialism sets itself apart from other economic and political ideologies, such as capitalism and communism?　　　　　　　　　　　　　[CO2] [L5] **20**

Q.7　Briefly draw comparisons between the countries identifying commonalities and differences in their constitutional developments and political economies. Use specific examples and evidence to support your arguments.　　　　　[CO2] [L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Third Semester
PERSPECTIVES ON PUBLIC ADMINISTRATION (BPOL-DS-302)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) New public management.   [CO1][L1]
   b) Human relation approach.   [CO2][L2]
   c) Satisficing decisions.   [CO3][L1]
   d) Define public administration.   [CO1][L1]
   e) Legal rational authority.   [CO2][L1]
   f) Relay assembly test room experiment (RATR).   [CO3][L2]
   g) Functional foremanship.   [CO1][L2]
   h) Soldiering.   [CO2][L1]
   i) Scalar chain.   [CO3][L1]
   j) Features of prismatic society.   [CO1][L2] **2×10**

PART-A

Q.2   Discuss the evolution of public administration as a discipline.   [CO3][L3] **20**

Q.3   Henri Fayol is known for his fourteen principles of management, which continue to be influential in modern organizational management. Critically analyze these principles in detail.   [CO1][L4] **20**

Q.4   Critically examine the basic features of human - relations approach focusing on Elton Mayo's contribution.   [CO2][L4] **20**

PART-B

Q.5   Discuss Herbert Simon's concept of bounded rationality and how it challenges the classical economic model of rational decision making?   [CO3][L4] **20**

Q.6   What do you understand about mental revolution? What techniques and principles were propounded by Taylor in Scientific management theory?   [CO3][L2] **20**

Q.7   Discuss the meaning, nature, scope and significance of public administration. How is integral view different from managerial view?   [CO1][L3] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Third Semester
WORLD THEORY (BPOL-DS-303)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
  a) Terrorism as a non-traditional security threat.   [CO2][L2]
  b) Hans Morgenthau.   [CO2][L2]
  c) Balance of Power.   [CO2][L2]
  d) G20   [CO1][L2]
  e) Structural realism.   [CO2][L2]
  f) World War II.   [CO1][L2]
  g) Hobbesian state of nature.   [CO1][L2]
  h) Collective security.   [CO2][L2]
  i) BIMSTEC.   [CO2][L2]
  j) ASEAN.   [CO2][L2] **2×10**

PART-A

Q.2   Trace the evolution of the field of international Relations since the end of World War 1. Explain the relationship between economic interdependence and liberal internationalism.   [CO2] [L2] **20**

Q.3   Critically reflect upon the propositions made by English School in the context of international politics. How do feminist approaches in IR offer new insights?
                                                            [CO1] [L5, 4] **20**

Q.4   Why is QUAD 2.0 an important development in the Indo-Pacific? Discuss China's response as well as the road ahead.   [CO3] [L4, 2] **20**

PART-B

Q.5   Why do constructivist theories emphasize the role of ideas, norms and socialization?
                                                                [CO2] [L4] **20**

Q.6   Why did the USSR collapse? Are the Post-Soviet Republics stable? Evaluate.
                                                             [CO3] [L4, 5] **20**

Q.7   Do you think China's Belt and Road Initiative reflects a great power strategy? Assess.
                                                                [CO4] [L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Third Semester
NATIONALISM IN INDIA (BPOL-DS-304)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Define 'Nationalism'.   [CO1] [L1]
   b) Write a short note on Mahatma Gandhi.   [CO2] [L1]
   c) Ilbert Bill Controversy.   [CO2] [L1]
   d) Khilafat Movement.   [CO2] [L1]
   e) Morley- Minto reforms 1909.   [CO1] [L2]
   f) Sanskritisation.   [CO3] [L1]
   g) E.V. Ramaswamy Naicker "Periyar".   [CO2] [L1]
   h) Vishwa Hindu Parishad.   [CO3] [L1]
   i) Main objectives of Non-Cooperation Movement 1919.   [CO2] [L1]
   j) Varna System.   [CO3] [L1] **2×10**

PART-A

Q.2   Discuss the four approaches to study nationalism in India in detail.   [CO1][L2] **20**

Q.3   Analyse the role of Civil Disobedience in the Indian Nationalist struggle. Provide examples and explain how it was used as a powerful tool against British Colonialism?
[CO2][L4] **20**

Q.4   Discuss the role of Mahatma Gandhi in the Indian Nationalist movement. Provide details of what were the factors that helped him to gain popularity in the early twentieth century?   [CO2][L2] **20**

PART-B

Q.5   The concept of nationalism in India has evolved over time. How does the contemporary notion of nationalism in India compare and contrast with the nationalism of the pre-independence era? Explore the influence of factors such as religion, regionalism, and caste diversity on the current understanding of nationalism in the country. [CO4][L6] **20**

Q.6   Discuss the Non Brahmin Movement during the National Movement of early 20th century. Discuss the rise of Ambedkar and the differences between Gandhi and Ambedkar's political ideology.   [CO3][L2] **20**

Q.7   Discuss the rise of Narendra Modi and the idea of cultural nationalism in contemporary India. Discuss its similarities if any with the Indian National movement for freedom during the British Rule.   [CO4][L2] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Fifth Semester
CLASSICAL POLITICAL PHILOSOPHY (BPOL-DS-501)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
a) According to Plato's what is censorship?   [CO1][L1]
b) Explain in brief the theory of forms by Plato.   [CO2][L2]
c) Define the theory of right to dissent by Locke.   [CO1][L1]
d) Write a short notes on:
   i) Plato's views on justice.
   ii) Plato's view on philosopher King.   [CO2][L1]
e) Explain Plato's perspective on critique of democracy.   [CO2][L1]
f) Explain Aristotle's views on virtue.   [CO1][L1]
g) Explain in brief Aristotle's classification of government.   [CO2][L1]
h) Define Hobbes's idea of human nature.   [CO1][L1]
i) Mention two relevant points to differentiate laws of nature and natural rights.
                                                                              [CO1][L2]
j) Define what is state of nature according to Hobbes?   [CO1][L1] **2×10**

PART-A

Q.2   Critically examine the significance of Plato's philosophy and politics.   [CO2][L5] **20**

Q.3   Elaborate in detail the theory of forms, virtue and the role of a citizen according to Aristotle.   [CO2][L5] **20**

Q.4   Analyse the contemporary relevance of Machiavelli's virtue and religion.   [CO3][L4] **20**

PART-B

Q.5   Critically examine Hobbes's theory of Leviathan.   [CO3][L5] **20**

Q.6   Illustrate key aspects of Hobbes's theory of social contract.   [CO3][L4] **20**

Q.7   Discuss in detail Locke's theory of natural rights.   [CO3][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Fifth Semester
INDIAN POLITICAL THOUGHT-I (BPOL-DS-502)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Varna   [CO1] [L2]
   b) Vedic Age   [CO1] [L2]
   c) Treta Yuga   [CO1] [L1]
   d) Ramrajya   [CO2] [L1]
   e) Kalyuga   [CO1] [L2]
   f) Karma theory   [CO2] [L1]
   g) Dharma   [CO2] [L2]
   h) Matsya Nyaya   [CO1] [L1]
   i) Atman   [CO4] [L1]
   j) Tapasya   [CO2] [L1] **2×10**

PART-A

Q.2   Discuss key aspects of Jainism How does Buddhist teachings seek to offer 'nirvana'?
                                                              [CO3] [L2, 4] **20**

Q.3   Explain various components of Kautiiya's theory of the state.   [CO2] [L2] **20**

Q.4   Outline key features of Manu Smriti as an ancient legal document.   [CO2] [L2] **20**

PART-B

Q.5   Discuss the emergence of Islamic thought in India in reference with the imperial visions of Barni and Fazal.   [CO2] [L2] **20**

Q.6   Illustrate major teachings of Sant Kabir pertaining to spiritual and political dimensions of human life.   [CO3] [L2] **20**

Q.7   Compare Brahminic and Shamanic tradition. Analyze the text of Shanti Parva from the prism of the origin of the state and duties of the King.   [CO1] [L4] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Fifth Semester
WOMEN, POWER AND POLITICS (BPOL-DS-503)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   a) What is community?   [CO1] [L1]
       b) What is care work?   [CO1] [L2]
       c) Can you explain the concept of Marxist feminism?   [CO1] [L1]
       d) Gender.   [CO2] [L2]
       e) Patriarchy.   [CO2] [L1]
       f) What is your understanding of domestic violence?   [CO3] [L2]
       g) Sex work.   [CO3] [L2]
       h) What is power?   [CO1] [L1]
       i) State.   [CO1] [L1]
       j) Family.   [CO1] [L1] **2×10**

PART-A

Q.2   What defines feminism, and could you explain the diverse feminist theories?
                                                                [CO2] [L4] **20**

Q.3   Define patriarchy and provide an analysis in reference to the article "Understanding Patriarchy" by Suranjita Ray.   [CO3] [L5] **20**

Q.4   Expand upon the notion of the division between the private and public spheres concerning gender dynamics.   [CO3] [L6] **20**

PART-B

Q.5   What is the status of women in India in the context of violence against women? How have women been historically treated, and has there been any progress in terms of women's empowerment?   [CO1] [L6] **20**

Q.6   Provide a critical assessment of the history of the Women's Movement in India.
                                                                [CO3] [L5] **20**

Q.7   Do family, community, and the state contribute to the empowerment of women, or do they act as constraints? Present your critical perspective on this matter.   [CO2] [L6] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Fifth Semester
INDIAN FOREIGN POLICY (BPOL-DS-504)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1 Write short notes on the following:
  a) How does India's negotiating style and strategy differ in the realms of trade, environment and security regimes?
  b) Non-Alignment Policy.
  c) Key Principles of India's Foreign Policy.
  d) What is the "Neighborhood First" policy?
  e) UN Security Council.
  f) Determinants of India's Foreign Policy.
  g) No first use of Nuclear Weapons.
  h) G20.
  i) Panchsheel Agreement.
  j) Cold War Era.   **2×10**

PART-A

Q.2 How has the relationship between India and the USA evolved since India gained independence in 1947? What are the key drivers behind the deepening economic ties between India and the USA, and what challenges have arisen in this regard?
[CO3] [L2] **20**

Q.3 Elaborate on the border disputes and territorial issues that have influenced India-China relations and the efforts made to resolve them? What are the strategic and security dimensions of India's interactions with China, including border security concerns, military standoffs, and maritime issues in the Indian Ocean?   [CO3] [L3] **20**

Q.4 Discuss how India's relationship with the Soviet Union evolved during the Cold War, and what were the key drivers and outcomes of this strategic partnership?   [CO3] [L4] **20**

PART-B

Q.5 What are the key elements of India's regional strategy in South Asia, and how has the debate surrounding these strategies evolved over time in the context of India's relations with its neighboring countries?   [CO3] [L2] **20**

Q.6 How does India navigate its foreign policy in the evolving landscape of a multipolar world, and what are the key challenges and opportunities it faces as it seeks to assert its global influence?   [CO3] [L2] **20**

Q.7 How has India's foreign policy evolved from its postcolonial beginnings to its current status as an aspiring global power, and what are the key drivers and challenges in this transformation?   [CO2] [L2] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – First Semester
INDIAN ECONOMY (BPOL-GE-002)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all;* ***Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on the following:
a) Gross domestic product.   [CO1][L1]
b) Human development index.   [CO2][L1]
c) Inflation.   [CO1][L1]
d) Prime moving.   [CO2][L1]
e) Cooperative federalism.   [CO1][L1]
f) Niti Aayog.   [CO1][L1]
g) Inclusive growth.   [CO1][L1]
h) Bombay plan.   [CO1][L1]
i) LPG model.   [CO1][L1]
j) Hyperinflation.   [CO1][L1] **2×10**

PART-A

Q.2   Define the various types of National Income. What has been considered as the most effective understanding of national income and why?   [CO1][L1, 2, 3] **20**

Q.3   What are the roles and functions of NITI Aayog?   [CO2][L1, 2, 3, 4] **20**

Q.4   Explain the economic reforms of 1991 and how it affected the Indian economy?
[CO2][L1, 2, 3] **20**

PART-B

Q.5   What is the debate between economic growth and development?   [CO2] [L1, 3, 5] **20**

Q.6   Explain how planning has evolved in Indian context?   [CO3] [L1, 2, 3, 4] **20**

Q.7   What are the different sectors of Indian economy? Explain how it has evolved post independence?   [CO2] [L1, 2, 3, 4] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – Third Semester
SOCIAL PROBLEMS AND SOCIAL WORK INTERVENTIONS
(BPOL-GE-005)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Name the various pattern of social change.   [CO1][L1]
   b) Mention the two aspects of evil consequences of communalism.   [CO2][L2]
   c) What do you understand by the term 'corruption'?   [CO1][L1]
   d) State the various types of social problems.   [CO2][L1]
   e) Define the concept of social legislation.   [CO2][L1]
   f) What is a poverty?   [CO1][L1]
   g) State the two aspects of consequences of castiesm in India.   [CO2][L1]
   h) Highlight in brief the Child Labour (Prohibition and Regulation) Amendment Rules, 2017?   [CO1][L1]
   i) Write a short note on: a. Unemployment b. Social change as a process?   [CO1][L2]
   j) What is a social change?   [CO1][L1] **2×10**

PART-A

Q.2   Critically examine the impact of casteism in the contemporary society with a suitable example.   [CO2][L5] **20**

Q.3   Elaborate in details the various programs and policies initiated by the Government of India to eradicate poverty in India.   [CO3][L5] **20**

Q.4   Critically examine the various causative factors of communalism in India.   [CO3][L5] **20**

PART-B

Q.5   Discuss the concept of child labour and examine the measures or steps initiated to eradicate child labour problems in India.   [CO3][L5] **20**

Q.6   Discuss in details the various sources of social change.   [CO3][L2] **20**

Q.7   Examine in details the significance role of a non-government organization in relation to making of social legislation.   [CO3][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) Political Science – First Semester
INTRODUCTION TO INDIAN DEMOCRACY (BPOL-OE-001)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on:
   a) State two important functions of legislature in India.   [CO1][L1]
   b) Name the various types of democracy.   [CO2][L2]
   c) What do you understand by the term 'democratic decentralization'?   [CO1][L1]
   d) Describe in brief the meaning of independence of judiciary.   [CO2][L1]
   e) Define what is a constituent assembly?   [CO2][L1]
   f) Write a short note on:
      i) Competitive and cooperative federalism   [CO1][L1]
   g) State two important features of 73rd and 74th Amendment Act.   [CO2][L1]
   h) Describe in brief what is judicial review?   [CO1][L1]
   i) Mention two important features of check and balance.   [CO1][L2]
   j) Describe two important functional aspects of judiciary.   [CO1][L1] **2×10**

PART-A

Q.2   Discuss the functions and significance of the Indian constitution.   [CO2][L2] **20**

Q.3   Elaborate the concept of public interest litigation.   [CO3][L5] **20**

Q.4   Critically examine the process of judicial activism.   [CO3][L5] **20**

PART-B

Q.5   Explain the significance of the preamble.   [CO3][L5] **20**

Q.6   Critically examine the significance of Indian federalism.   [CO3][L5] **20**

Q.7   Examine the provisions of different forms of emergency provisions in India.
                                                                               [CO3][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – First Semester
BIO-PSYCHOLOGY (BPSY-DS-103A)

Time: 3 hrs.　　　　　　　　　　　　　　　　　　　　　　　Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1　Answer the following in brief:
　　a) Define 'learning'.　　　　　　　　　　　　　　　　　　　　　[CO2][L1]
　　b) Name the part of the brain known as emotional brain.　　　　[CO2][L1]
　　c) Write the function of medulla oblongata.　　　　　　　　　　[CO2][L3]
　　d) What is REM sleep?　　　　　　　　　　　　　　　　　　　[CO2][L2]
　　e) Name the hormones secreted by pituitary gland. Explain its functions.　[CO1][L1]
　　f) Which lobe is responsible for body temperature?　　　　　　[CO2][L3]
　　g) Briefly explain about temporal lobe.　　　　　　　　　　　　[CO2][L2]
　　h) Write the function of Hypothalamus.　　　　　　　　　　　　[CO2][L3]
　　i) Which part of the brain is responsible for fear?　　　　　　　[CO1][L2]
　　j) Beta waves is a part of which stage in sleep.　　　　　[CO2][L4] **2×10**

PART-A

Q.2　Explain in detail about Structure and functioning of Human Brain with suitable diagram.
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　[CO3][L4] **20**

Q.3　Elaborate upon the process of Action potential with suitable diagram and graph.
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　[CO3][L6] **20**

Q.4　Write about different neurotransmitters? Elaborate upon each neurotransmitters functioning and disorders associated.　　　　　　　　[CO3][L4] **20**

PART-B

Q.5　Critically analyze the Physiological basis of Thirst and its functioning.　[CO3][L5] **20**

Q.6　Explain the structure and process of hearing.　　　　　　　[CO3][L4] **20**

Q.7　Elaborate on physiological basis of learning. Critically analyze B F Skinner and Pavlov theory of learning with appropriate examples.　　　[CO3][L6] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – First Semester
EDUCATIONAL PSYCHOLOGY (BPSY-DS-104A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: *1*

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Answer the following in brief:
- a) Explain Vygotsky's two critical framework of play with example.   [CO2][L3]
- b) Elucidate the concept of diversity and inclusiveness with example.   [CO4][L3]
- c) How physical climate of the class will impact on student's leaning?   [CO3][L4]
- d) What is GOLD assessment?   [CO2][L1]
- e) Write short note on linguistic diversity.   [CO4][L2]
- f) Differentiate the heteronomous and autonomus morality with example.   [CO2][L2]
- g) Highlight the basic assumptions of child centric and its importance.   [CO1][L1]
- h) What are the responsibilities of teachers towards learners with special needs?
- i) How to manage diversity in the class room?   [CO4][L3]
- j) Write a short note on exceptional child.   [CO5][L4] **2×10**

PART-A

Q.2   Throw light on the role of inclusive education and its importance. How inclusive education system change the way of teaching and learning?   [CO4][L5] **20**

Q.3   Classify the major approaches involved in educational psychology and highlight their contribution.   [CO1][L4] **20**

Q.4   Critically evaluate the role of teacher as priest to develop moral values with the help of various theoretical perspectives.   [CO2][L5] **20**

PART-B

Q.5   Write detail notes on:
- a) Transactional analysis.
- b) Contribution of ICT in education.   [CO3][L5] **10×2**

Q.6   Explain the concept of diversity and its various types with the help of relevant example. How can we manage diverse population in the educational set-up?   [CO4][L6] **20**

Q.7   What are the responsibilities of teachers towards learners with special needs? How will you engage special children with normal children?   [CO4][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Hons.) (Applied Psychology) – First Semester
INTRODUCTION TO PSYCHOLOGY (BPSY-DS-106)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short note on the following:
a) Level of processing in memory.
b) Hypothalamus.
c) Retroactive and proactive interference.
d) Observational learning.
e) Biological psychology.
f) Forgetting curve.
g) Positive and negative emotions.
h) Humanistic perspective.
i) Evolutionary perspective.
j) Chunking   [CO1, 2] [L1, 2] **2×10**

PART-A

Q.2   Discuss the development of Psychology as a discipline. Explain the nature and nurture controversy involved in the psychological process.   [CO2, 3, 4] [L2, 4] **20**

Q.3   Describe the information processing model of memory. Describe the hierarchical organization in long-term memory.   [CO3, 4] [L2, 3, 4] **20**

Q.4   Explain the theory of operant conditioning. Describe the application of this theory in real life and situations using suitable examples.   [CO3, 4] [L2, 3, 4] **20**

PART-B

Q.5   Explain the properties and determinants of attention. Differentiate between selective, sustained, and divided attention.   [CO3, 4] [L4, 5] **20**

Q.6   Describe the process of perception. Discuss the laws of organization in form perception as described by gestalt psychologists.   [CO3, 4] [L3, 5] **20**

Q.7   Describe the behavioral and cognitive components of the emotional process using different theories with suitable examples.   [CO3, 4] [L4, 5] **20**

End Semester Examination Dec. 2023
B.A. (Hons.) Applied Psychology – Third Semester
INTRODUCTION TO PERSONALITY (BPSY-DS-301)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Answer the following in brief:
a) Define personality and what are its characteristics.   [CO-1][L-2]
b) Describe token economy approach to behavior modification. Give an example.
                                                                          [CO-2][L-2]
c) Define trait and type approach of personality.   [CO-2][L-3]
d) What criticisms did the humanistic psychologists make of behaviorism and psycho analysis?   [CO-2,3][L-4]
e) Name the 10 neurotic needs.   [CO-3][L-1,3]
f) What is the difference between positive and negative reinforcement.   [CO-4][L-3]
g) Briefly discuss successive approximation.   [CO-2][L-4]
h) Explain the Big Five measures of personality   [CO-3][L-5]
i) Discuss the basic assumption of existential approach of Victor Frankl. [CO-4][L-4]
j) Define: Personal Unconsciousness and Collective Unconsciousness.
                                                                   [CO-4][L-2] **2×10**

PART-A

Q.2   Distinguish between Skinner's approach and Pavlov approach to personality.
                                                                    [CO-2,3][L-5] **20**

Q.3   How does Maslow's image of human nature different from Freud. On this ground, discuss the key principles of humanistic approach and its theories.   [CO-1,4][L-5] **20**

Q.4   Critically evaluate Freud's psychoanalytic theory of personality.   [CO-1,3][L-4] **20**

PART-B

Q.5   Elucidate on the Indian perspective of personality.   [CO-3,4][L-4] **20**

Q.6   A personality test is a tool used to assess human personality. Elucidate on self-report measures and projective techniques.   [CO-2,3][L-5] **20**

Q.7   Discuss and highlight the key features of Kelly's theory of personality along with its criticism.   [CO-2,4][L-4] **20**

End Semester Examination, Dec. 2023
B.A./B.Sc. (Applied Psychology) – Third Semester
DEVELOPMENTAL PSYCHOLOGY-I (BPSY-DS-302)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Answer the following questions:
  a) What is maturation? [CO2][L2]
  b) 'Development is holistic process'-justify. [CO2][L5]
  c) Mention two methods of studying infant's perception. [CO4][L1]
  d) Elaborate on the concept of 'dynamic system theory of motor development with example. [CO1][L3]
  e) Describe 'growth spurt'. [CO2][L2]
  f) Explain private speech. [CO2][L2]
  g) What are the basic emotions? [CO2][L1]
  h) What is resistance attachment? [CO2][L1]
  i) Elaborate the effect of deprivation on development. [CO4][L3]
  j) Describe cross-sectional design with example. [CO4][L2] **2×10**

PART-A

Q.2 Illustrate Erikson's theory of Psychosocial Development. [CO1][L5] **20**

Q.3 Draw the perceptual development of a child. [CO3][L6] **20**

Q.4 Elaborate the Psychological Impact of Puberty. [CO2][L4] **20**

PART-B

Q.5 Elaborate on the concrete operational stage of Piaget's cognitive theory with example. [CO1][L5] **20**

Q.6 Discuss Mary Rothbart's Model of Temperament with example. [CO1][L3] **20**

Q.7 Discuss the role of case study method and interview in developmental psychology. [CO4][L6] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – Third Semester
INTRODUCTION TO STATISTICS (BPSY-DS-304)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1 Answer the following in brief:
  a) Normal probability curve. [CO3] [L2]
  b) Define 'statistics'. [CO1] [L1]
  c) Mean, Median, mode. [CO2] [L1]
  d) Nominal scale and interval scale. [CO3] [L2]
  e) Measures of variability. [CO3] [L3]
  f) Explain T test. [CO2] [L4]

  g) Explain Z test, calculate Z score where: $x = 80$, $ux = 65$, $SD(ie \cdot \sigma x) = 15$. [CO2] [L3]
  h) Positive and negative correlation. [CO3] [L2]
  i) One way ANOVA. [CO3] [L4]
  j) Properties of standard deviation. [CO3] [L3] **2×10**

PART-A

Q.2 Elaborate on descriptive and inferential statistics. Write a detailed note on parametric and non-parametric statistics, with suitable examples. [CO4] [L3] **20**

Q.3 Write a detailed note on histogram and frequency polygon and draw suitable graph for histogram. Draw a frequency polygon using the following table.

Real Limits	Frequency
39.5 - 49.5	10
49.5 - 59.5	5
59.5 - 69.5	40
69.5 - 79.5	30
79.5 - 89.5	20

[CO2] [L3] **20**

Q.4 a) What is T test and elaborate on one sample t test, independent sample t test, t test for repeated measures. [CO3] [L4] **10**
  b) Compute t test for the following data:

  Group-A: 2, 3, 5, 4, 10, 4, 6, 10
  Group-B: 7, 10, 5, 4, 6, 12, 2, 3 [CO3] [L4] **10**

PART-B

Q.5 a) Assumptions underlying the analysis of variance. [CO4] [L4] **10**
  b) Compute one way ANOVA for the following data and indicate if groups differ on the variable: $P < 0.5$, F value = 3.35; $P < 0.1$, F value = 5.49

Group A :	2,	3,	4,	2,	3
Group B :	2,	4,	5,	5,	5
Group C :	2,	3,	4,	2,	5

[CO4] [L4] **10**

P.T.O

Q.6 a) Define 'correlation'. Differentiate rank order 10 correlation and product moment correlation. [CO4] [L3] **10**

b) Two sets of data have been provided as follows. Calculate Spearman Rank correlation.

Data I	Data II
17	9
8	13
9	7
20	18
14	15
18	16

[CO4] [L3] **10**

Q.7 Explain in detail the nature and types of Regression. Calculate factors of linear regression where $\sum X = 247$, $\sum Y = 286$, $\sum X^2 = 11409$, $\sum XY = 20485$, n = 6?

[CO3] [L4] **20**

End Semester Examination, Dec. 2023

B.A. (Applied Psychology) – Third Semester
POSITIVE PSYCHOLOGY (BPSY-DS-305)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Discuss the concepts of subjective well-being and resilience and their significance in positive psychology.   [CO2][L2]
   b) Describe the virtues and strengths of character according to the VIA classification, and give an example of each.   [CO1][L2]
   c) Discuss the benefits of gratitude interventions and their role in positive psychology.   [CO2][L2]
   d) How do optimistic interventions contribute to fostering a positive outlook on life?   [CO2][L2]
   e) Define flourishing in the context of positive psychology.   [CO2][L2]
   f) What is the concept of "flow," and how does it relate to positive psychology?   [CO2][L2]
   g) Discuss the concept of the Illness-Wellness Continuum.   [CO2][L2]
   h) Define the goals and main definitions of positive psychology.   [CO2][L3]
   i) Explain the key assumptions that underlie positive psychology.   [CO2][L2]
   j) What are the historical roots of positive psychology, and how have they influenced the field's development?   [CO2][L2] **2×10**

PART-A

Q.2   Describe mindfulness-based interventions and their applications in positive psychology. Provide examples of mindfulness exercises.   [CO3][L4] **20**

Q.3   Discuss optimistic interventions and their influence on one's outlook on life. How can individuals develop and maintain optimism?   [CO4][L5] **20**

Q.4   Discuss the relevance of positive psychology in positive schooling, and education. How can these areas benefit from the insights of positive psychology?   [CO4][L4] **20**

PART-B

Q.5   Explain the concept of happiness and its importance in positive psychology. [CO4][L5] **20**

Q.6   Discuss empathy-based interventions and their impact on well-being and positive relationships. How can empathy be cultivated?   [CO4][L5] **20**

Q.7   Discuss the relevance of positive psychology in positive aging. How can these areas benefit from the insights of positive psychology?   [CO4][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – Fifth Semester
INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY-I (BPSY-DS-501)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Differentiate industrial and organizational psychology.   [CO1][L1,2]
   b) Define job design and its major goals.   [CO1][L1,2]
   c) How to enhance or improve organizational commitment?   [CO2][L2,3]
   d) Explain the concept of diversity and inclusion.   [CO1][L2]
   e) Give brief note on servant leadership approach.   [CO2][L3]
   f) Explain the important traits of a good leader.   [CO1][L2]
   g) Discuss the necessity of job redesign within the workplace.   [CO2][L3]
   h) Write a note on illumination experiment.   [CO1][L2] **2½×8**

PART-A

Q.2   Elucidate the major issues of cross-cultural leadership with the help of relevant examples.   [CO4][L5] **20**

Q.3   Throw light on the evolution and historical aspects of I/O Psychology.   [CO1][L4] **20**

Q.4   Discuss the major factors of job satisfaction with example. How can we measure job satisfaction within an organization?   [CO3][L5] **20**

PART-B

Q.5   Critically evaluates Herzberg's two factor theory with the help of case study. [CO2][L5] **20**

Q.6   Write a detail note on various approaches of job design with their merit and demerits.   [CO3][L4] **20**

Q.7   Draw work motivation model. Illustrate the broad classification of organizational commitment with the help of examples.   [CO3][L5] **20**

End Semester Examination, Dec. 2023

B.A. (Applied Psychology) – Fifth Semester
ABNORMAL PSYCHOLOGY-I (BPSY-DS-502)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Answer the following questions:
   a) Differentiate between fear and anxiety.   [CO1][L3]
   b) Explain mass madness.   [CO1][L2]
   c) Differentiate between 'panic and phobia'.   [CO2][L3]
   d) What are the symptoms of generalized anxiety disorder?   [CO2][L2]
   e) Write a short note on ICD.   [CO1][L2]
   f) Explain dysthymic disorder.   [CO2][L2]
   g) Briefly define role of socio-cultural factors in psychopathology. [CO3][L2]
   h) What is body dysmorphic disorder?   [CO3][L2]
   i) Explain the role of genetics in abnormal behavior.   [CO2][L2]
   j) Define 'Agoraphobia'.   [CO2][L2] **2×10**

PART-A

Q.2   Explain abnormality and define the indicators of abnormality?   [CO1][L2] **20**

Q.3   What are the symptoms of Social Phobia? Explain the psychological causal factors of social phobia?   [CO2][L3] **20**

Q.4   Differentiate between Unipolar and Bipolar Disorder? Elaborate on the causal factors of bipolar disorder?   [CO3][L3] **20**

PART-B

Q.5   Explain the Psychodynamic and Cognitive Behavioural Perspective of abnormal behavior.
                                                                    [CO2][L4] **20**

Q.6   What is Panic Disorder? Elaborate on the biological causes of Panic Disorder and develop a treatment plan.   [CO2, 4][L5] **20**

Q.7   Explain Diathesis Stress Model with example.   [CO3][L5] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – Fifth Semester
COUNSELING-I (BPSY-DS-504)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1 Answer the following questions:
- a) Differentiate between counseling and therapy, highlighting their respective natures. [CO1][L2]
- b) Describe the role of professional ethics in the counseling profession. [CO2][L2]
- c) Provide an example of an ethical dilemma a counselor might face. [CO2][L2]
- d) What is the importance of self-awareness for a counselor? [CO1][L2]
- e) Name two skills that a counselor should possess. [CO2][L2]
- f) Explain the concept of transference in the counselling relationship. Why is it important to address? [CO1][L2]
- g) Discuss the ethical considerations involved in evaluating a client's progress in counseling. [CO1][L3]
- h) Explain the concept of unconditional positive regard in the context of humanistic counseling. [CO1][L3]
- i) How can group counseling benefit clients? Provide an example of a group counseling technique. [CO1][L3]
- j) Mention two ways in which technology is used in counseling. [CO2][L3] **2×10**

PART-A

Q.2 You are conducting an initial interview with a new client who is experiencing anxiety and panic attacks? Outline the key components of an effective initial interview. Describe how you would structure this interview to gather relevant information and establish goals for counseling? Provide specific questions and techniques you would use in this scenario. [CO3, 4] [L2, 3] **20**

Q.3 Your client has been in counseling for several months, and you need to evaluate their progress and determine the effectiveness of the counseling interventions. Describe the methods and tools you would use for this evaluation. Discuss how you would involve the client in the evaluation process and the ethical considerations associated with it? [CO3, 4] [L3, 4] **20**

Q.4 Explain the key concepts and principles of the psychoanalytic approach to counseling. Provide an example of how you would apply psychoanalytic techniques in counseling, emphasizing the importance of the therapeutic relationship? [CO3, 4] [L3, 4] **20**

PART-B

Q.5 You are counseling a client who lacks self-confidence and assertiveness? Describe the personality characteristics that are essential for an effective counselor, and how possessing these characteristics can help in building a strong therapeutic relationship with this client? Provide examples of how you would use these characteristics in your counseling sessions? [CO2, 3] [L3, 4] **20**

Q.6 You are counseling a young adult who is struggling with alcohol addiction? Using this case, discuss in detail the various stages of the counseling process. Provide examples from your counseling sessions with the client to illustrate each stage.[CO2, 3, 4] [L2, 3] **20**

Q.7 Elaborate the importance of professional ethics in the field of counseling. Discuss key ethical principles and codes of conduct that counselors must adhere to, providing real-world examples to illustrate the application of these principles. [CO3, 4] [L3, 4] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – First Semester
YOUTH PSYCHOLOGY (BPSY-ID-002)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Answer the following in brief:
   a) Illustrate the importance of Youth Psychology. [CO4] [L4]
   b) Explain the concept of role confusion. [CO2] [L2]
   c) Draw a comparison between permissive and uninvolved parenting styles. [CO4] [L6]
   d) Explain the concept of dark friendship. [CO4] [L2]
   e) What is instrumental value? [CO4] [L2]
   f) Illustrate the role of peer victimization with examples. [CO4] [L2]
   g) Identify some risky behaviours of youth. [CO1] [L1]
   h) Define social interest. [CO3] [L1]
   i) Draw a comparison between identity foreclosure and identity moratorium. [CO2] [L6]
   j) "Family-focused interventions are beneficial for protecting against drug abuse" - justify [CO1][L5] **2×10**

PART-A

Q.2 "P is a 14-year-old girl. She is confused about her future goals she explores different options but is still not sure about her interests'- Discuss the identity development of P. In this context formulate some strategies to help her to reach Identity achievement. [CO2] [L6] **20**

Q.3 Elaborate the role of Peers in youth's life. [CO4] [L3,4] **20**

Q.4 Illustrate the steps of Gender identity development. [CO2] [L4] **20**

PART-B

Q.5 Create some strategies to increase the responsibilities of Youth. [CO3] [L6] **20**

Q.6 "Bikash is 15 years 15 year-old boy He is a student of class IX. He is accused in a murder case. Bikash explained about his case that on occurrence day he along with Guddu attended a marriage ceremony in their locality at night. When they reached their home from the marriage ceremony, they came to know that a few people were engaged in a fight in the marriage ceremony hall for which a person got injured and later died. Then Bikash and Guddu were also suspected in the case and then they were apprehended by police for the case Bikash expressed that he has a bad habit of eating gutkha and drinking alcohol".
   a) In the context of the case study discuss different factors that lead to delinquent behaviors in youth.
   b) Formulate some strategies to prevent delinquent behaviors. [CO1,2][L6] **10×2**

Q.7 Identify the major reasons behind youth's suicide. In this context discuss Joiner's Interpersonal-Psychological Model of Suicide. [CO1][L6] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – Fifth Semester
PSYCHOLOGY OF PEACE (BPSY-ID-004A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short note on the following:
        a) Role of youth in prevention of conflict.   [CO3] [L4]
        b) Intimate Violence and Patriarchal construct.   [CO2] [L2]
        c) Masculinity and Femininity in genocidal war.   [CO1] [L2]
        d) Difference between structural and direct violence.   [CO3] [L2]
        e) Globalism.   [CO2] [L2] **4×5**

PART-A

Q.2   Define peace. Explain with relevant example the approaches that can be used in order to transform the situation of conflict.   [CO2] [L4] **20**

Q.3   How can we differentiate between terror groups? Explore the psychological tactics terror groups have employed over the past in mobilizing individuals.   [CO1] [L3] **20**

Q.4   In what ways do environmental issues present a concern for peace researchers in the twenty-first century?   [CO2] [L5] **20**

PART-B

Q.5   Describe Kashmir dispute in detail and suggest few measures to resolve it.[CO1]   [L3] **20**

Q.6   Discuss with relevant examples the role of Mahatma Gandhi as Peace-builder.   [CO2] [L4] **20**

Q.7   What are human rights, and how are they defined in international law? Discuss in detail the significance of the Universal Declaration of Human Rights.   [CO3] [L4] **20**

End Semester Examination, Dec. 2023

B.A. (Applied Psychology) – Third Semester
MEDIA PSYCHOLOGY (BPSY-ID-005)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short note on the following:
   a) Fake News and Deep-Faking.
   b) Video Game Addiction.
   c) Responsibility of media in promoting social justice with respect to caste and class.
   d) Challenges faced by media in maintaining a balance between respecting diverse religious beliefs and advocating for social justice.
   e) Catfishing, and Grooming.
   f) Moral Reasoning in Media.
   g) Intervention strategies to prevent gaming addiction.
   h) Propaganda in Media.
   i) School of Thoughts in Psychology.
   j) Prosocial Behavior and Media.   [CO1, 2] [L1, 2] **2×10**

PART-A

Q.2   Discuss the effectiveness of media campaigns and initiatives in challenging gender stereotypes and promoting gender equality. Support your answer with case studies or social movements that demonstrate their impact on societal attitudes and behaviors.
[CO2, 3, 4][L2, 4] **20**

Q.3   Investigate the link between the Dark Triad personality traits (Narcissism, Machiavellianism, and Psychopathy) and online aggression. How do individuals with these traits manifest aggression in digital spaces, and what are the consequences for their victims? Provide real-world examples and psychological insights.   [CO3, 4][L2, 3, 4] **20**

Q.4   Explore the psychological motivations behind why people play video games. Examine the principles of Examine the principle of cognitive engagement in gaming, including the use of Problem-solving creativity, strategic thinking, and teamwork in video games.
[CO3, 4][L4, 5] **20**

PART-B

Q.5   Investigate the phenomenon of information overload in the digital age and its psychological effects, including reduced attention span, decision fatigue, and stress. How does constant exposure to news and content impact cognitive functioning and well-being?   [CO3, 4] [L4, 5] **20**

Q.6   Examine the psychological dynamics of online gaming communities, including the development of friendships and rivalries, as well as the formation of in-game alliances and groups. How does social interaction in virtual worlds impact players' well-being and social skills in real life?   [CO3, 4] [L4, 5] **20**

Q.7   Discuss the effectiveness of media campaigns and initiatives in challenging gender stereotypes and promoting gender equality. Support your answer with case studies or social movements that demonstrate their impact on societal attitudes and behaviors.
[CO3, 4][L4, 5] **20**

End Semester Examination, Dec. 2023
B.A. (Applied Psychology) – Fifth Semester
GENDER, CULTURE AND DIVERSITY (BPSY-ID-007)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short note on the following:
   a) Eating disorder.
   b) Gender representation in media.
   c) Domestic violence.
   d) Premenstrual syndrome.
   e) Gender Dysphoria.
   f) Emotional intelligence.
   g) Sexual orientation.
   h) Diversity.
   i) Gender discrimination.
   j) Gender and medicine.   [CO1, 2] [L1, 2] **2×10**

PART-A

Q.2   Describe the importance of the Equal Remuneration Act in promoting equality. Discuss the role of gender in the context of pay and promotion at the workplace.
                                                                    [CO2, 3, 4][L2, 4] **20**

Q.3   "Gender is socially constructed" Discuss this statement in the context of different theories of gender development.   [CO3, 4][L2, 3, 4] **20**

Q.4   Describe the various laws related to the promotion of gender rights. Discuss the present status and challenges in society related to gender roles.   [CO3, 4][L3, 5] **20**

PART-B

Q.5   "Are women a better leader than men or vice versa" express your views and elaborate on the types and preferences based on gender in leadership.   [CO3, 4][L4, 5] **20**

Q.6   "Women and men differ in intelligence and specific cognitive abilities". Discuss the gender-related differences in intelligence by citing relevant studies. [CO3, 4][L3, 4, 5] **20**

Q.7   Elaborate on the status of the third Gender: Past present and future in the Indian context.   [CO3, 4][L4, 5] **20**

End Semester Examination, Dec. 2023

B.A. (Applied Psychology) – First Semester
PROFESSIONAL COMMUNICATION-I (CDC-FBSS-111)

Time: 1½ hrs.   Max Marks: **50**

No. of pages: 5

Note: *All questions are **compulsory**. Each question has **FOUR** options with **ONE** correct answer. Select the correct answer. All questions are of **ONE** mark each. There is no **NEGATIVE** marking. Mention the correct option for each question in the blank answer key given herein below. Calculator is not permitted.*

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
31.	32.	33.	34.	35.	36.	37.	38.	39.	40.
41.	42.	43.	44.	45.	46.	47.	48.	49.	50.

Q.1   What is an attitude?
   a) A physical posture
   b) A mental state of readiness to react to a certain object or idea
   c) A type of clothing
   d) A form of communication   [CO1] [L1]

Q.2   Attitudes are typically formed through:
   a) Genetic inheritance   b) Socialization and personal experiences
   c) Political affiliation   d) Random chance

Q.3   Prejudice is an example of which component of attitude?
   a) Affect   b) Behavior   c) Cognition   d) None   [CO1] [L2]

Q.4   Which theory suggests that people are motivated to maintain consistency among their attitudes and behaviors?
                    [CO-1] [L-2]
   a) Social identity theory   b) Cognitive dissonance theory
   c) Elaboration likelihood model   d) Self-perception theory   [CO1] [L2]

Q.5   Which of the following is an example of a behavioral component of attitude?
   a) Believing that exercise is important for health
   b) Feeling happy when exercising
   c) Going for a run every morning
   d) Discussing the benefits of exercise with a friend   [CO1] [L2]

Q.6   Which of the following best describes an attitude?
   a) An observable action or response to a situation.
   b) A positive or negative evaluation of something.
   c) A behavior that is consistent across all situations.
   d) A reaction that is completely unrelated to one's beliefs.   [CO1] [L2]

Q.7   Which of the following best defines cultural diversity?
   a) The presence of people from different cultural backgrounds within a group or organization.
   b) The dominance of one culture over all others in a group or organization.
   c) The exclusion of people from certain cultures in a group or organization.
   d) The uniformity of culture within a group or organization.   [CO1] [L1]

Q.8   What is the primary goal of diversity and inclusion initiatives in organizations?
   a) To discriminate against certain groups.
   b) To maintain the status quo.
   c) To create a more equitable and inclusive workplace.
   d) To encourage groupthink.   [CO1] [L2]

Q.9 What is the danger of relying on stereotypes when making judgments about people?
a) It fosters open-mindedness and understanding
b) It leads to fair and accurate assessments
c) It can result in unfair and biased decisions
d) It promotes inclusivity and equality [CO1] [L2]

Q.10 Which strategy can help combat stereotyping?
a) Increasing exposure to diverse perspectives
b) Reinforcing existing stereotypes through media
c) Avoiding any discussions about differences
d) Promoting conformity to societal norms [CO1] [L2]

Q.11 In many countries, which of the following is NOT a legal protection for LGBTQAI+ individuals?
a) Marriage equality   b) Hate crime laws
c) Employment discrimination   d) Conversion therapy support   [CO1] [L1]

Q.12 In many countries, which of the following is a common obstacle to LGBTQAI+ rights and acceptance?
a) Widespread legal protections   b) Strong societal support
c) Stigmatization and discrimination   d) All of the above   [CO1] [L2]

Q.13 Which of the following strategies can help combat gender discrimination in society?

[CO-1] [L-2]
a) Promoting gender stereotypes
b) Providing equal opportunities and access to education and employment

c) Encouraging workplace harassment
d) Excluding certain genders from leadership roles [CO1] [L2]

Q.14 Which of the following is an example of gender discrimination in the workplace?
a) Providing equal pay for equal work
b) Promoting employees based on their qualifications
c) Promoting only men to managerial positions
d) Offering flexible work arrangements for all employees [CO1] [L2]

Q.15 What is courtesy?
a) A formal set of rules for behavior
b) Polite and considerate behavior towards others
c) Being overly aggressive and assertive
d) Ignoring social norms [CO1] [L2]

Q.16 Fill in the blank with the correct preposition: "The painting is a reflection ____ the artist's emotions".
a) of   b) from   c) over   d) without   [CO2] [L3]

Q.17 Select the sentence with the correct preposition usage:
a) She parked her car beside the building.
b) She parked her car below the building.
c) She parked her car against the building.
d) She parked her car above the building. [CO2] [L3]

Q.18 Fill in the blank with the correct article: "I'm thinking of getting _____ master's degree in computer science".
a) a   b) an   c) the   d) none   [CO2] [L3]

Q.19 Select the appropriate article for the blank: "I was intrigued by _____ idea of time travel".
a) a   b) an   c) the   d) none   [CO2] [L3]

Q.20 Which sentence correctly uses the future perfect continuous tense?
a) She will have been dancing for two hours by then.
b) She will be dancing for two hours by then.

c) She has been dancing for two hours by then.
d) She will have dancing for two hours by then. [CO2] [L3]

Q.21 What is the correct form of the verb in the future continuous tense for the pronoun "I"?
a) will be run b) will running c) will be running d) will run [CO2] [L3]

Q.22 Which of the following sentences uses the conditional perfect tense correctly?
a) If she would have gone, she will have met him.
b) If she went, she would have met him.
c) If she goes, she will have met him.
d) If she goes, she would have met him. [CO2] [L3]

Q.23 Choose the sentence with the accurate subject-verb agreement:
a) The list of ingredients for the recipe is long.
b) Some of the data were missing from the report.
c) Either John or his friends were responsible for the mess.
d) The collection of antique cars are worth a fortune. [CO2] [L3]

Q.24 Identify the sentence with the INCORRECT subject-verb agreement:
a) The group of musicians play beautifully.
b) Every student and teacher was present at the meeting.
c) The collection of stamps are impressive.
d) Either the cat or the dog have been causing trouble. [CO2] [L3]

Q.25 Choose the sentence with the correct subject-verb agreement:
a) There is a few apples left in the basket.
b) Neither of the options were suitable for me.
c) The pair of shoes was missing.
d) Each of the students have completed their homework. [CO2] [L3]

Q.26 Choose the adverb that correctly completes the sentence: "She spoke so _____ that I could barely hear her".
a) Softly b) Soft c) Soften d) Softest [CO2] [L3]

Q.27 Identify the adverb in the sentence: "The cat stealthily crept up on its prey".
a) The b) Stealthily c) Cat d) Prey [CO2] [L3]

Q.28 Which adverb is used to emphasize a point or add emphasis to a sentence?
a) Actually b) Quietly c) There d) Maybe [CO2] [L3]

Q.29 What is the adjective form of the noun "obstacle"?
a) Obstructional b) Obstacleful c) Obstinant d) Obstinate [CO2] [L3]

Q.30 Which adjective best describes something that is capable of causing harm or damage?

[CO-2] [L-3]
a) Harmless b) Destructive c) Constructive d) Beneficial [CO2] [L3]

Q.31 What is intonation in linguistics?
a) The pitch, melody, and rhythm of speech
b) The study of written language
c) The use of gestures in communication
d) The speed of speech delivery [CO2] [L1]

Q.32 Which of the following is NOT a component of intonation?
a) Pitch b) Volume c) Stress d) Rhythm [CO2] [L1]

Q.33 Which statement is true about the role of intonation in speech?
a) It has no impact on the meaning of a sentence.
b) It can change the meaning or interpretation of a sentence.
c) It only affects the volume of speech.
d) It is the same in all languages. [CO2] [L2]

Q.34 Which of the following is NOT a common type of tone in language?
a) Formal b) Informal c) Monotone d) Humorous [CO2] [L1]

Q.35 When a speaker uses a persuasive tone, what is their primary goal?
a) To entertain the audience

b) To inform the audience
c) To convince or influence the audience
d) To confuse the audience   [CO2] [L2]

Q.36 Which of the following is NOT a part of a syllable in terms of pronunciation?
a) Vowel   b) Consonant   c) Tense   d) Onset   [CO2] [L1]

Q.37 Which of the following factors can affect pronunciation?
a) Gender   b) Age   d) All of the above   c) Dialect   [CO2] [L1]

Q.38 Which of the following is an example of a homophone?
a) Two different words with the same spelling.
b) Two different words with the same meaning.
c) Two different words with different meanings and spellings.
d) Two different words with the same pronunciation.   [CO2] [L1]

Q.39 What is the term for the study of the sounds of human speech and their production, transmission, and reception?
a) Grammar   b) Phonetics   c) Syntax   d) Semantics [CO2] [L1]

Q.40 Which of the following is NOT a barrier to effective listening?
a) Noise   b) Prejudice   c) Concentration   d) Distractions   [CO3] [L2]

Q.41 Which of the following statements is true about effective listening skills?
b) Effective listening is solely about hearing words and not understanding emotions.
c) Effective listening skills can be improved through practice and conscious effort.
d) Effective listening requires constant talking to keep the conversation going.
a) Effective listening skills are innate and cannot be developed.   [CO3] [L2]

Q.42 Select the best approach for handling a disagreement during a conversation:
a) Interrupt the speaker and assert your viewpoint.
b) Avoid the topic altogether.
c) Listen actively, seek to understand, and then respond respectfully.
d) Agree with everything the speaker says to avoid conflict.   [CO3] [L2]

Q.43 Which of the following is an important aspect of vocal variety in effective speaking?
a) Speaking in a monotone voice.
b) Using the same volume throughout the speech.
c) Varying pitch, tone, and pace for emphasis.
d) Speaking loudly at all times.   [CO3] [L2]

Q.44 What does it mean to "know your audience" when preparing a speech?
a) Choosing a topic you are passionate about.
b) Tailoring your message to the interests and needs of your listeners.
c) Speaking in a foreign language to challenge the audience.
d) Ignoring the preferences of the audience.   [CO3] [L2]

Q.45 Which of the following is an effective technique to engage the audience during a speech?
                              [CO-3] [L-2]
a) Reading the entire speech from a script.
b) Speaking in a monotone voice.
c) Asking questions, telling stories, or using humor.
d) Avoiding any pauses or breaks in speech.

Q.46 What is the first step in the process of effective reading comprehension?
a) Skimming   c) Previewing   d) Deep reading   b) Scanning [CO3] [L2]

Read the below passage and answer questions (Q.47-Q.50) based on it: [CO3] [L3]
Climate Change and Its Effects
Climate change is a pressing global issue that has garnered significant attention in recent years. It refers to long-term alterations in temperature and weather patterns on Earth. These changes are primarily driven by human activities, including the burning of fossil fuels,

deforestation, and industrial processes. The consequences of climate change are far-reaching and affect various aspects of our environment and society.

One of the most visible effects of climate change is the rise in global temperatures. Over the past century, the Earth's average temperature has increased by approximately 1.2 degrees Celsius. This may seem like a small change, but it has a profound impact on the planet. Rising temperatures lead to the melting of polar ice caps and glaciers, contributing to sea level rise. This, in turn, threatens coastal communities and ecosystems.

Q.47 What is the primary cause of climate change?
    a) Natural weather patterns   b) Human activities
    c) Solar radiation   d) Volcanic eruptions   [CO3] [L3]

Q.48 How has the Earth's average temperature changed over the past century?
    a) It has decreased by 1.2 degrees Celsius
    b) It has remained constant
    c) It has increased by about 1.2 degrees Celsius
    d) It has increased by about 5 degrees Celsius   [CO3] [L3]

Q.49 Which word in the paragraph is a synonym of 'gathered'?
    a) Alterations   b) Garnered   c) Aspects   d) Profound   [CO3] [L3]

Q.50 Which word in the paragraph is an antonym of 'negligible'?
    a) Alterations   b) Garnered   c) Aspects   d) Profound   [CO3] [L3]

End Semester Examination, Dec. 2023

B.A. (Applied Psychology) / B.A. (Economics) / B.A. (Hons.) Political Science – Third Semester

PLACEMENT COMPETENCY ENHANCEMENT-I (CDC-FBSS-211)

Time: 1½ hrs.   Max Marks: **50**

No. of pages: 5

Note: *All questions are **compulsory**. Each question has **FOUR** options with **ONE** correct answer. Select the correct answer. All questions are of **ONE** mark each. There is no **NEGATIVE** marking. Mention the correct option for each question in the blank answer key given herein below. Calculator is not permitted.*

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
31.	32.	33.	34.	35.	36.	37.	38.	39.	40.
41.	42.	43.	44.	45.	46.	47.	48.	49.	50.

PART-A (APTITUDE SECTION)

Q.1 Find the sum of factors of $7^4 \times 3^2 \times 2^3$?
a) 550000   b) 546195   c) 55712   d) 532758   [CO1] [L1]

Q.2 What is the unit digit of 1! + 2! + 3! + ……+ 88! + 89!?
a) 5   b) 3   c) 1   d) 8   [CO1] [L1]

Q.3 What is the remainder when we divide 390 + 590 by 34?
a) 0   b) 17   c) 33   d) 1   [CO1] [L1]

Q.4 Fresh sugarcane contains 84% water and dried sugarcane contains 28% water. How many kilograms of dried sugarcane can be obtained from 90 kg of fresh sugarcane?
a) 20   b) 35   c) 47   d) 72   [CO1] [L2]

Q.5 If the numerator of fraction is increased by 200% and the denominator is increased by 350%. The resultant fraction is 5/12. What was the original fraction?
a) 5/9   b) 5/8   c) 7/12   d) 11/12   [CO1] [L2]

Q.6 50% of a number when added to 50 is equal to the number. The number is?
a) 50   b) 75   c) 100   d) 150   [CO1] [L2]

Q.7 By selling an article for ₹480 a person lost 20%. For what should he sell it to make a profit of 20%?
a) 800   b) 760   c) 720   d) 680   [CO1][L2]

Q.8 A trader sold two bullocks for ₹8,400 each, neither losing nor gaining in total. If he sold one of the bullocks at a gain of 20%, then the other is sold at a loss of?
a) 20%   b) 30%   c) 100/7%   d) 10%   [CO1] [L2]

Q.9 A vendor lists his articles 20% above cost price and allows a discount of 10% on cash payment. His gain percent is?
a) 2%   b) 3%   c) 5%   d) 8%   [CO1] [L2]

Q.10 A certain amount of money is lent out at compound interest at the rate of 20% per annum for two years, compounded annually. It would give ₹482 more if the amount is compounded half yearly. Find the principle.   [CO1] [L2]
a) 30,000   b) 10,000   c) 25,000   d) None of these

Q.11 The compound interest on ₹10,000 in 2 years at 4% per annum, the interest being compounded yearly, is?
a) ₹636.80   b) ₹816   c) ₹912   d) ₹828.82   [CO1] [L2]

Q.12 The simple interest accrued on an amount of ₹12450 at the end of 6 years is ₹8964. What is the rate of interest per year?
a) 8%   b) 14%   c) 10%   d) 12%   [CO1] [L2]

Q.13 Some boys are sitting in three rows and the distance between each row is 4 m. All of them are facing north such that Damu is in the middle row, Kanu is 6 m to the right of Damu but in the same row. Neer is just behind Kanu while Golu is in the North of Damu?
What is the shortest distance between Neer and Golu?
a) 10 m   b) 12 m   c) 20 m   d) 43 m   [CO2] [L2]

Q.14 Ajay, who is facing exactly in south-east direction, turns 45 degree in anti clock-wise direction, then 135 degree clockwise direction and then 90 degree in anti clock wise direction. In which direction Ajay is facing now?
a) North-West   b) East   c) South-East   d) West   [CO2] [L2]

Q.15 B is father of Q. B has only two children. Q is the brother of R. R is the daughter of P. A is the granddaughter of P. S is the father of A. How is S related to Q?
a) Son   b) Son-in-law   c) Brother-in-law   d) Brother [CO2] [L2]
In a certain code language.
'Live Today Like Last' is written as 'ra mu peka'
'Live Like A King' is written as 'sukapeke'
'Be Like Last King' is written as 'penakera'
'A Good Day Today' is written as 'da ku mu su'

Q.16 Which of the following may be the code for 'Day Was Good' in the given code language?
a) su mu ku   b) da me mu   c) ku pa da   d) su pe ma [CO2] [L2]

Q.17 Which of the following is the code for 'Good King' in the given code language?   [CO2] [L2]
a) su mu   b) ka da   c) pe ku   d) Can't be determined

Q.18 In a certain language, RANDOM is coded as TOPFAO, PLEASE is coded as RNEEUA then find the code for "ORANGE"?
a) TEPIOA   b) OTEPIA   c) IPETOA   d) TEPOIA   [CO2] [L2]

Q.19 How many such pairs of letters are there in the word REACH, each of which has as many letters between them in the word (only in forward direction) as they have between them in the English alphabetical order?
a) None   b) One   c) Two   d) Three   [CO2] [L2]

Q.20 B2CD, _____, BCD4, B5CD, BC6D
a) B2C2D   b) BC3D   c) B2C3D   d) BCD7   [CO2] [L2]

PART-B (Verbal Ability + Soft Skill Section)

Directions (Q.21-Q.22): Choose the correct answer from the options given below: [CO2][L3]

Q.21 Doing something according to one's own free will
a) Compulsorily   b) Obligingly   c) Voluntarily   d) Willfully

Q.22 A person who gambles or bets
    a) Punter   b) Backer   c) Customer   d) Client

Directions (Q.23-Q.27): Find out the option which correctly completes the sentence: [CO2] [L3]

Q.23 A number of employees _____ absent last week because of the snowstorm
    a) Would   b) was   c) were   d) will

Q.24 All the cabinet members _____ very difficult lives in private.
    a) lead   b) Took   c) Taken   d) leads

Q.25 Apple Iphone, as well as Samsung, _____ recently risen in price.
    a) Had   b) Has   c) Would   d) Have

Q.26 Both of the students _____ decided to live in the hostel.
    a) can   b) will   c) has   d) have

Q.27 Each of the students _____ responsible for doing his or her work.
    a) is   b) were   c) are   d) Would

Direction (Q.28): Choose the word which is most nearly SIMILAR in meaning to the underlined bold word.
    [CO2] [L3]

Q.28 We've both suffered agonies of guilt over whatever happened.
    a) Contentment   b) Joy   c) Torment   d) Peace

Direction (Q.29-Q.30): Select the most appropriate synonym of the given word.   [CO2] [L3]

Q.29 FOSTERING
    a) Safeguarding   b) Neglecting   c) Ignoring   d) Nurturing

Q.30 MASSIVE
    a) Lump sum   b) Huge   c) Gaping   d) Little

Direction (Q.31-Q.33): Choose the correct answer from the options given below. [CO2] [L3]

Q.31 The quality of products _____ over time.
    a) are degrading   b) has been degrading
    c) have degrading   d) were degraded

Q.32 Each of the four army soldiers _____ for the mission.
    a) were ready   b) are ready   c) was ready   d) have been ready

Q.33 My friends and I _____ stuck there.
    a) had been   b) was   c) has been   d) have had been

Direction (Q.34-Q.35): In each of the following questions find out the alternative which will replace the question mark.   [CO2] [L3]

Q.34 Baby: Adult::Sapling _____
    a) Bush   b) Tree   c) Plant   d) Seed

Q.35 Explicit: Implicit::Express:_____
a) Impress   b) Suppress   c) Compress   d) Repress

Q.36 Which section of your resume should include your work experience and job responsibilities?
a) Skills section   b) Education section
c) Objective section   d) Work Experience section   [CO4] [L1]

Q.37 _____ on LinkedIn is a strategic way to connect with professionals in your industry, expand your professional circle, and create opportunities for career growth and development.
a) Reading Newsletters   b) Networking
c) Formatting Resume   d) Posting Blogs   [CO4] [L1]

Q.38 The heading of a resume includes _____:
a) Personal information name and address
b) Names of references
c) Title of most recent job
d) Career Objective   [CO4] [L2]

Q.39 The _____ format lists your work history with dates, with your most recent employer and job title listed first.
a) Functional   b) Combination   c) Reverse Chronological   d) Portfolio   [CO4] [L1]

Q.40 When is it important to read the email completely before responding?
a) Only if you have time   b) Not important at all
c) Always   d) Only if it is from seniors   [CO4] [L3]

Q.41 What is the purpose of summarizing key points at the end of a group discussion?
a) To assign blame for any disagreements
b) To reiterate your own perspective
c) To ensure everyone is on the same page and capture key takeaways
d) To conclude the discussion abruptly   [CO4] [L1]

Q.42 What should not be done in an email signature?
a) Clutter too much with information.
b) Use a professional headshot.
c) Use the same font and color as the email.
d) Have a clean layout.   [CO4] [L3]

Q.43 Which type of content is most likely to receive the highest engagement on LinkedIn?
a) Personal vacation photos   b) Inspirational quotes
c) Industry-related articles and insights   d) Jokes and memes   [CO4] [L3]

Q.44 When addressing a cover letter, what should you do if you don't know the name of the hiring manager?
a) Skip the salutation and start with the first paragraph.
b) Use a generic greeting like "To Whom It May Concern".
c) Address it to "Dear Sir/Madam".
d) Avoid sending the cover letter altogether.   [CO4] [L1]

Q.45 What is the importance of maintaining eye contact during a group discussion?
a) It intimidates other participants.
b) It signals disagreement.

c) It demonstrates attentiveness and respect.
d) It helps you avoid engaging with others. [CO4] [L3]

Q.46 What is the primary goal of an effective group discussion?
a) To establish hierarchy among participants.
b) To persuade others to conform to one person's viewpoint.
c) To facilitate the exchange of ideas, information, and perspectives.
d) To assign blame and critique others' opinions. [CO4] [L2]

Q.47 Which section of your LinkedIn profile allows you to provide a brief summary of your professional experience and aspirations?
a) About   b) Skills & Endorsements
c) Experience   d) Accomplishments   [CO4] [L1]

Q.48 In the Eisenhower Matrix, tasks are categorized into four quadrants. Which quadrant includes tasks that are both important and urgent?
a) Quadrant I (Do First)   b) Quadrant II (Schedule)
c) Quadrant III (Delegate)   d) Quadrant IV (Don't Do)   [CO5] [L1]

Q.49 What is the purpose of listing your achievements and responsibilities in the "Experience" section of your resume?
a) To include every job you've ever had, regardless of relevance.
b) To demonstrate your potential for future roles.
c) To showcase your skills, accomplishments, and contributions in previous positions.
d) To keep the section concise by omitting specific details. [CO4] [L2]

Q.50 How can you handle disagreements in a group discussion effectively?
a) Raise your voice to make your point clear.
b) Avoid addressing disagreements and change the topic.
c) Leave the discussion if you don't agree with others.
d) Use respectful language and provide evidence to support your viewpoint. [CO4] [L2]

End Semester Examination, Dec. 2023

B.A. (Applied Psychology)/ B.A. (Economics)/ B.A. (Political Science) – Fifth Semester

PLACEMENT COMPETENCY ENHANCEMENT-III (CDC-FBSS-311)

Time: 1½ hrs.

Max Marks: **50**

No. of pages: 6

Note: *All questions are **compulsory**. Each question has **FOUR** options with **ONE** correct answer. Select the correct answer. All questions are of **ONE** mark each. There is no **NEGATIVE** marking. Mention the correct option for each question in the blank answer key given herein below. Calculator is not permitted.*

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
31.	32.	33.	34.	35.	36.	37.	38.	39.	40.
41.	42.	43.	44.	45.	46.	47.	48.	49.	50.

PART-A APTITUDE

Q.1 Two buses start at the same time from Delhi and Agra, which are 300 km. apart, towards each other. After what time will they cross each other if their speeds are 38 km per hour and 37 km per hour?

a) 4 hrs　　　b) 3 hrs　　　c) 5 hrs　　　d) 6 hrs　　　[CO1] [L2]

Q.2 Walking 2/3 times of his usual speed a man gets late by 20 minutes. The usual time taken by him to cover that distance?

a) 1 hour　　　b) 30 minutes　　　c) 40 minutes　　　d) 80 minutes [CO1] [L2]

Q.3 A student goes to school at the rate of 2.5 km/hr and reaches 6 minutes late. If he travels at the speed of 3 km/hr he is 10 minutes early. What is the distance to the school?

a) 1 km　　　b) 4 km　　　c) 13/4 km　　　d) 7/2 km　　　[CO1] [L2]

Q.4 How many 3-letter words with or without meaning, can be formed out of the letters of the word, 'LOGARITHMS', if repetition of letters is not allowed?

a) 720　　　b) 420　　　c) 5040　　　d) 120　　　[CO1] [L2]

Q.5 There are 2 shirts, 3 jeans, 3 socks and 2 skirts. In how many ways a shopkeeper can arrange these things so that all the socks come together and all the skirts come together?

a) 60,720　　　b) 60,480　　　c) 60,540　　　d) 60,690　　　[CO1] [L2]

Q.6 In how many different ways can the letters of the word WINDOW be arranged in such a way that the vowels never come together?

a) 350　　　b) 250　　　c) 720　　　d) 240　　　[CO1] [L2]

Q.7 There are 15 boys and 10 girls in a class. If three students are selected at random, what is the probability that 1 girl and 2 boys are selected?

a) 1/40　　　b) 1/2　　　c) 21/46　　　d) 7/41　　　[CO1] [L2]

Q.8 A bag contains 6 pink and 5 yellow balls. One ball is drawn randomly. What is the probability that the ball drawn is Pink?

a) 5/11　　　b) 1/2　　　c) 3/11　　　d) 6/11　　　[CO1] [L2]

Q.9 A bag contains 5 yellow and 2 green and 3 red colour dice. If one dice from the bag are choosen at random, what is the probability that dice is either yellow or red colour?
a) 3/4   b) 4/5   c) 3/10   d) 7/10   [CO1] [L2]

Q.10 What is the present age of Sanjeev?
I.   Sanjeev is 4 years older than Anuj. The ratio of the age of Anuj and Vipin is 4 : 5.
II. Vipin is 1 year older than Sanjeev and the present age of Anuj is 20 years.
III. The present age of Sanjeev is 5 years less than the age of Mohan.
   a) The data in statements I and II are sufficient to answer the question, while the data in statement III alone is not sufficient to answer the question.
   b) The data in statements II alone is sufficient to answer the question, while the data in statement I and III are not sufficient to answer the question.
   c) The data in statements I alone or in statement II alone or Statement III alone is sufficient to answer the question.
   d) The data in all the statements I, II and III are not sufficient to answer the question.
   e) The data in all the statements I, II and III together are necessary to answer the question.   [CO2] [L2]

Q.11 Find the rate of interest.
I.   A sum of money becomes double of itself at simple interest in 12.5 years.
II. 5000 becomes 5832 in 2 years at compound interest.
   a) The data in statements I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
   b) The data in statements II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
   c) The data in statements I alone or in statement II alone is sufficient to answer the question.
   d) The data in both the statements I and II is not sufficient to answer the question.
   e) The data in both the statements I and II together is necessary to answer the question.   [CO2] [L2]

Q.12 Total amount of ₹62500 was distributed among two boys and 1 girl. How much did each boy get?
I.   Each girl got 2/3 of what the two boys together got.
II. The difference between the amount of two boys is ₹12500.
   a) The data in statements I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
   b) The data in statements II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
   c) The data in statements I alone or in statement II alone is sufficient to answer the question.
   d) The data in both the statements I and II is not sufficient to answer the question.
   e) The data in both the statements I and II together is necessary to answer the question.   [CO2] [L2]

Q.13 The letters A, P, R, X, S, and Z are arranged in a row. The letters S and Z are in the centre. The letters A and P are at the very end. To the left of A, R is seated. Who is on P's right side?
a) A   b) X   c) S   d) Z   [CO2] [L2]

Directions: Study the following information carefully and answer questions give below **(Q.14-Q.15):**
Eight friends P, Q, R, S, T, U, V and W are standing in a straight line facing north, but not necessarily in the same order.
R and W are immediate neighbours of S. V is immediate neighbour of U and W. T and Q are immediate neighbours of P. Neither T nor R is at the extreme ends of the line. U is on the right of T. [CO2] [L2]

Q.14 Who among the following sits second to the right of P?
    a) T   b) R   c) W   d) V

Q.15 Who among the following sits second to the left of W?
    a) S   b) P   c) U   d) R   e) Q

Directions: Study the following information carefully and answer questions give below **(Q.16):**
Eight persons – Amar, Ansh, Arun, Amit, Ashu, Anup, Arif and Anil, are sitting around a circular table facing the centre but not necessarily in the same order. Arif is to the immediate left of Ashu. Anup is to the immediate left of Arun. Amar is the neighbour of Ansh. Amit is an immediate neighbour of Anup and Ansh. Arif is not the neighbour of Ansh or Anil. [CO2][L2]

Q.16 Who among the following is sitting third to right of Amar?
    a) Arif   b) Anup   c) Arun   d) Ansh

Directions: Study the following information to answer the given questions **(Q.17-Q.18):**
Amongst five friends P, Q, R, S and T, each scored different marks in an examination out of a total of 100 marks. S scored more marks than only T. R scored less than P. Only one person scored more than Q. The one who scored second highest marks scored 87 marks. [CO2] [L2]

Q.17 Who scored the third least marks in the examination?
    a) P   b) Q   c) R   d) S

Q.18 Which of the following is true with regard to the given information?
    a) Only one person scored more than P.
    b) No one scored less than T.
    c) R scored more than Q and S.
    d) Amongst the five friends, S is most likely to have scored 95 marks in the examination.
    e) None is true

Q.19 If S scored 23 marks less than the marks scored by Q, which of the following could possibly be R's score?
    a) 64   b) 93   c) 61   d) 78   [CO2][L2]

Q.20 Statement: $M \geq P < H$, $V > T = M$
    Conclusions: I. $V > P$ II. $T \geq H$
    a) If only conclusion I is true   b) If only conclusion II is true
    c) If either conclusion I or II is true   d) If neither conclusion I nor II is true
    e) If both conclusions I and II are true   [CO2] [L2]

Q.21 Statements: $A > B = C \geq D$, $V \geq G \leq H = D$
    Conclusion: I. $C \geq D$ II. $A > H$ III. $B \geq G$ IV. $C < V$
    a) Only I and II are true   b) Only III and IV are true
    c) Only I, II and III are true   d) All I, II, III and IV are true   [CO2] [L2]

Q.22 How many four-digit numbers, each divisible by 4 can be formed using the digits 5, 6, 7, 8, 9, repetition of digits being allowed in any number?
a) 100   b) 150   c) 125   d) 75   [CO1] [L2]

Q.23 How many 5 digit even numbers with distinct digits can be formed using the digits 1, 2, 5, 5, 4?
a) 16   b) 36   c) 24   d) 48   [CO1] [L1]

Q.24 It is required to seat 5 boys and 4 girls in a row so that the girls occupy the even places. How many such arrangements are possible?
a) 2880   b) 2148   c) 3680   d) 3280   [CO1] [L1]

Q.25 A bag contains 6 white and 4 black balls, 2 balls are drawn at random. Find the probability that they are of same colour.
a) 1/2   b) 7/15   c) 8/15   d) 1/9   [CO1] [L1]

PART-B (SOFT SKILL SECTION)

Q.26 Which of the following is correct for a cover letter
a) Claiming a degree or certification you don't have.
b) Exaggerating your accomplishments.
c) Incorrect work experience.
d) Get the consent of individuals you include in your reference.   [CO6] [L1]

Q.27 Which of the following best describes LinkedIn?
a) A website to share videos of any length
b) A social network used for connecting with family and friends
c) A professional networking site
d) A photo-sharing app   [CO6] [L1]

Q.28 True or False: You can search for jobs and connect directly with employers through LinkedIn.
[CO-5][L-1]
a) True   b) False

Q.29 On LinkedIn, your profile most closely resembles a _____.
a) Digital Scrapbook   b) Dating Profile
c) Resume   d) Photo Gallery   [CO5] [L1]

Q.30 What is the total number of references normally given in a bio-data?
a) Two   b) Three   c) Four   d) Five   [CO5] [L1]

Q.31 True or False: You are notified whenever someone looks at your profile on LinkedIn.
a) True   b) False   [CO5] [L1]

Q.32 Select the location where the name and address can be mention on a resume?
a) Bottom left corner   b) Top right corner
c) Top left corner   d) Bottom right corner   [CO5] [L1]

Q.33 Which of the following are appropriate examples of people to add as LinkedIn connections? Select all that apply.
a) Celebrities   b) Family & Friends
c) People in your industry who you don't know personally   d) Coworkers [CO5] [L1]

Q.34 A summary of the applicant at the start of the CV acts as a?
a) letter of recommendation   b) statement of objectives
c) synopsis   d) preface   [CO5] [L1]

Q.35 Which is not compulsory to mention in a job description CV?
a) Date   b) Name   c) Nationality   d) Education   [CO5] [L1]

Q.36 _____ is the correct and good date format for a cover letter.
a) 10/9/20   b) 9/10/20   c) October 9, 2020   d) 2020.9.10 [CO5] [L1]

Q.37 Cover letters starting with explaining how applicant _____.
a) found out about the job   b) spend their free time
c) began their education   d) their hobbies and interests   [CO5] [L1]

Q.38 How much you _____ the company it should be mentioned in your cover letter.
a) Charge   b) Benefit   c) Disrupt   d) All of these[CO5] [L1]

Q.39 _____ sending their resume the job applicants must send a cover letter.
a) Before   b) After   c) None of these   d) When   [CO5] [L1]

Q.40 Such as ____, your cover letter can summarize a key selling point.
a) relevant experience   b) medical history
c) work history   d) All of these   [CO4] [L1]

Q.41 How should a Cover Letter be?
a) long and detailed   d) Doesn't matter till the time its written.
c) clear and concise   b) friendly and funny   [CO4] [L1]

Q.42 Which of the following are the types of Interview Skills?
a) Face to face   b) Behavioral   c) Telephonic   d) All of these[CO6] [L1]

Q.43 When should you arrive for your interview?
a) At the time it is scheduled for
b) 5-10 minutes before the scheduled time
c) 5-10 minutes after the scheduled time
d) Go after 10 minutes   [CO6] [L1]

Q.44 What should you focus on during the interview?
a) The salary you want
b) How much vacation time you want?
c) What you can offer the company or organization?
d) What the company or organization can offer you?   [CO6] [L1]

Q.45 _____ is essentially a structured conversation:
a) CV   b) Interview
c) Phone-call   d) Daily conversation at work   [CO6] [L1]

Q.46 Use this type of English when speaking to a friend:
a) Formal   b) Informal   c) Polite   d) Funny   [CO6] [L1]

Q.47 Which phrase is correct?
a) He's worked at that company for fifteen years.
b) He's working at that company for fifteen years.

c) He works at that company for fifteen years.

d) All are correct   [CO6] [L1]

Q.48 Which question asks for advice?
a) What would you like to know?
b) What should I do with my plastic bottles?
c) I'm afraid I don't know where the entrance is.
d) None of these are correct   [CO6] [L1]

Q.49 Which form gives instructions?
a) Open your book and turn to page twenty-five.
b) You open your book and turn to page twenty-five.
c) Do you open your book and turn to page twenty-five..
d) None of these are correct.   [CO6] [L1]

Q.50 Which phase should be used while making a presentation?
a) Please feel free to interrupt me with questions.
b) Don't disturb me while I'm presenting these statistics.
c) No, please park your questions till the end.
d) None of these are correct.   [CO6] [L1]

End Semester Examination, Dec. 2023

M.A (Applied Psychology)/ M.A (Economics) / M.A (Public Policy and Public Administration) – First Semester

PLACEMENT COMPETENCY ENHANCEMENT-I (CDC-FBSS-511)

Time: 1½ hrs.   Max Marks: **50**

No. of pages: 5

Note: *All questions are **compulsory**. Each question has **FOUR** options with **ONE** correct answer. Select the correct answer. All questions are of **ONE** mark each. There is no **NEGATIVE** marking. Mention the correct option for each question in the blank answer key given herein below. Calculator is not permitted.*

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
31.	32.	33.	34.	35.	36.	37.	38.	39.	40.
41.	42.	43.	44.	45.	46.	47.	48.	49.	50.

PART-A (APTITUDE SECTION)

Q.1 A person incurs a loss of 5% be selling a watch for ₹1140. At what price should the watch be sold to earn 5% profit?
a) ₹1200   b) ₹1230   c) ₹1260   d) ₹1290   [CO5] [L1]

Q.2 If the cost price of 12 pens is equal to the selling price of 8 pens, the gain percent is?
a) 12%   b) 30%   c) 50%   d) 60%   [CO5] [L1]

Q.3 In a college, the ratio of the number of boys to girls is 8 : 5. If there are 160 girls, the total number of students in the college is?
a) 100   b) 260   c) 250   d) 416   [CO5] [L2]

Q.4 The incomes of two persons A and B are in the ratio 3 : 4. If each saves ₹100 per month, the ratio of their expenditures is ₹1 : 2. Find their incomes.   [CO5] [L1]
a) ₹100 and ₹150 b) ₹150 and ₹200   c) ₹200 and ₹250   d) ₹250 and ₹300

Q.5 Raman's salary was decreased by 50% and subsequently increased by 50%. How much percent does he loss?
a) 75   b) 65   c) 45   d) 25   [CO5] [L1]

Q.6 Total number of boys and girls in a school is 150. If the number of boys is x, then girls become x% of the total number of students. The number of boys is
a) 50   b) 60   c) 70   d) 80   [CO5] [L1]

Q.7 Teacher took exam for English, average for the entire class was 80 marks. If we say that 10% of the students scored 95 marks and 20% scored 90 marks, then calculate average marks of the remaining students of the class?
a) 60   b) 70   c) 75   d) 80   [CO6] [L2]

Q.8 Which one of the following numbers is completely divisible by 45?
a) 181560   b) 331145   c) 202860   d) 2033555   [CO6] [L1]

Q.9 Rahul walks 80 ms towards south. Then, turns to his right & starts walking straight till he completes another 80 ms. Then, again turning to his left he walks for 60 metres. He then turns to his left & walks for 80 metres. How far is he from his initial position?
a) 100 metres   b) 60 metres   d) None of these   c) 20 metres [CO6] [L2]

Q.10 One morning after sunrise, Amrit was standing facing a pole. The shadow of the pole was forming on the left side. Which direction was Amrit facing?
   a) East   b) West   c) North   d) South   [CO6] [L1]

Q.11 If PALM written as MDIP, MONTH may be written as
   a) JTKWE   b) RJKWE   c) JRKWE   d) JKRWE   [CO6] [L1]

Q.12 Village Q is to the North of the village P. The village R is in the East of Village Q. The village S is to the left of the village P. In which direction is the village S with respect to village R?
   a) West   b) South-West   c) South   d) North-West   [CO6] [L1]

Q.13 A woman walking with a boy meets another woman and on being asked about her relationship with the boy, she says, "My maternal uncle and his maternal uncle's maternal uncle are brothers." How is the boy related to the woman?
   a) Nephew   b) Son   c) Brother-in-law   d) Grandson   [CO6] [L1]

Q.14 Neelam, who is Rohit's daughter, says to Indu," Your mother Reeta is the youngest sister of my father, who is the third child of Mr.Sohanji". How is Sohanji related to Indu?
   a) Maternal Uncle b) Father   c) Grandfather   d) Father-in-law   [CO6] [L1]

Q.15 Find the unit digit of $763 \times 432 \times 342 \times 567 \times 145 \times 545$?
   a) 5   b) 4   c) 3   d) 0   [CO6] [L1]

Q.16 One evening just before sunset two friends Sanju and Manju were talking to each other face to face. If Manju's shadow was exactly to her left side, which direction was Sanju facing?   [CO5] [L1]
   a) North   b) South   c) West   d) Data inadequate

Q.17 Rahul told Anand, 'Yesterday I defeated the only brother of the daughter of my grandmother'. Whom did Rahul defeat?
   a) Son   b) Father   d) Father-in law   c) Brother   [CO5] [L1]

Q.18 All the six members of a family A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B A and C are a married couple. E is the brother of C D is the daughter of A F is the brother of B Who is the mother of B?
   a) D   b) F   c) B   d) A   [CO5] [L1]

Q.19 Pointing to a photograph, a man said, "I have no brother or sister but that man's father is my father's son". Whose photograph was it?
   a) His uncle's   b) His nephew's   c) His son's   d) His Cousin's   [CO6] [L1]

Q.20 Find the unit digit of $(76)^{234} \times (431)^{124}$?
   a) 6   b) 5   c) 3   d) 1   [CO6] [L1]

PART-B (VERBAL ABILITY + SOFT SKILL SECTION)

Directions: Choose the correct sentence: [CO2] [L3]
Q.21 a) I am out of station all of next week. b) I am going out of station all of next week.
   c) I am not in town all of next week.   d) All are correct

Q.22 a) I am taking my lunch now   b) I am having my lunch now.
       c) I will be taking my lunch now   d) All are correct

Q.23 a) Myself and my manager are coming for the meeting.
       b) My manager and myself are coming for the meeting.
       c) I and my manager are coming for the meeting.
       d) My manager and I are coming for the meeting.

Directions: Put the verb in brackets in correct form (Conditionals):   [CO2] [L3]
Q.24 If you heat the water to 100 degrees, it _____.
       a) will boil   b) boils   c) boiled   d) would boil

Q.25 If he _____ more careful, he would have spotted the mistake.
       a) was   b) were   c) had been   d) has been

Q.26 If I had a million dollars, I _____ a big house.
       a) will buy   b) would buy   c) buy   d) bought

Directions: Choose the correct preposition: [CO2] [L3]
Q.27 My brother's anniversary is _____ 30th September.
       a) on   b) in   c) at   d) since

Q.28 I met Sohum when I was _____ college
       a) on   b) in   c) at   d) since

Q.29 The dog jumped _____ the sofa.
       a) at   b) in   c) on   d) inside

Direction: Choose the word which best expresses the meaning of the given word   [CO2] [L3]

Q.30 MELD
       a) To soothe   b) Merge   c) Purchase   d) Enlighten

Q.31 APPROBATION
       a) Understanding b) Approval   c) Condemn   d) Justification

Direction (for Q.32-33): Choose the word which is the exact OPPOSITE to the meaning of the given word
         [CO-2] [L-3]

Q.32 EXPAND
       a) Convert   b) Congest   c) Condense   d) Conclude

Q.33 HUMILITY
       a) Pride   b) Determination   c) Gentleness   d) Honesty

Direction: In the following questions, each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.   [CO2] [L3]

Q.34 Gravity : Pull ::
       a) Iron:Metal   b) Northpole:Directions
       c) Magnetism:Attraction   d) Dust : Fan

Q.35 Indigent : Wealthy::
a) Angry:Rich   b) Native :Affluent
c) Scholary:Erudite(having knowledge) d) Gauche:Graceful

SOFT SKILLS

Q.36 Types of Attitude   [CO1] [L1]
a) Negative   b) Positive   c) Both   d) None of the above

Q.37 What do you mean by Courtesy?   [CO1] [L1]
a) Good Etiquette b) Manners   c) Good behavior   d) All of the above

Q.38 Politeness guidelines included?
a) Say hello to people   b) Always use 'please' and 'thank you
c) None of them   d) All of the above   [CO1] [L1]

Q.39 The degree to which an employee is accepted and treated as an insider by others in a
work system, is known as?   [CO1] [L1]
a) Inclusion   b) LGBTQ   c) Diversity   d) All of the above

Q.40 Is there any law made for Bullying?
a) Yes   b) No   c) Should be   d) Maybe   [CO1] [L1]

Q.41 "If you are early, you are on time. If you are on time, you are late", it means:
a) Reach the venue exactly on time
b) Reach the venue 15 minutes before the start of GD
c) Reach the venue 5 minutes before the start of GD
d) It's ok to be late at times.   [CO1] [L2]

Q.42 "Dress to impress" is important because:
a) One needs to show the latest dress one has bought.
b) Dress plays a part in how you're first perceived.
c) The evaluator thinks that you have a nice choice.
d) Dress up the way you feel most comfortable.   [CO1] [L1]

Q.43 Which of the following statements is not true with respect to the first impression?
a) Talking incessantly helps us to make a good first impression.
b) Verbal tone is a very important component of forming the first impression.
c) The extent to which the Verbal content matters in first impression is just 7%.
d) Body language forms the 55%of first impression.   [CO1] [L1]

Q.44 What is self-awareness?
a) The awareness of self
b) The knowledge of our own strengths and weaknesses
c) The awareness of one's likes and dislikes
d) All of the above   [CO1] [L2]

Q.45 The SWOT analysis of a person talks about the:
a) Smartness, Weaknesses, Opportunities and Threats
b) Strengths, Words, Orderliness, and Time management
c) Strengths, weaknesses, Opportunities and Threats
d) Strong points, welfare, Opportunities and Time management   [CO1] [L2]

Q.46 Which of the following is NOT a good time management habit?
a) Sleeping as less as possible   b) Scheduling according to priorities

    c) Setting goals   d) Making a to-do list   [CO1] [L2]

Q.47   What does S stand for in the SMART approach of goal setting?   [CO1] [L2]
        a) Specific.   b) Scheduling according to priorities
        c) Setting goals   d) Setting a to-do list

Q.48   The decision making process involves which of the following steps?   [CO1] [L2]

        a) Comparing various options available to you
        b) Narrowing down your choices
        c) Thinking what suits you best
        d) All of the above   [CO1] [L2]

Q.49   Which of the following quadrants of Stephen Covey's Time Management Matrix is a quadrant of Waste?
                               [CO-1] [L-2]
        a) Important & urgent tasks   b) Not Important & not urgent tasks
        c) Not important & urgent tasks   d) Important & not urgent task

Q.50   What is the ratio of Pareto's principle?
        a) 20:80   b) 80:25   c) 25:80   d) 80:20   [CO1] [L2]

End Semester Examination, Dec. 2023
M.A. (Economics) — Third Semester
MONETARY THEORY AND POLICY (MECO-DC-003)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on:
   a) Explain the monetary policy tools that central bank used to implement monetary policy.   [CO1][L1]
   b) State the key features of New Keynesianism.   [CO1][L1]
   c) What is the 'New Consensus' perspective of monetary policy saying about how monetary policy will affect the economy in the short term?   [CO1][L2]
   d) State the components of two-country model.   [CO2][L1]
   e) Discuss the main goal of monetary policy, and which rule has attracted a lot of attention when it comes to accomplishing this goal.   [CO2][L2]
   f) What is the utility function in the MIU model, and how does it incorporate the importance of both consumption and money holdings.   [CO1][L2]
   g) Define Lucas Critique.   [CO3][L1]
   h) What is the primary objective of operating procedures and policy measures in monetary policy?   [CO4][L2]
   i) What do you understand by inflation targeting?   [CO3][L1]
   j) Why is Poole's analysis used?   [CO4][L1] **2×10**

PART-A

Q.2   Outline the main assumptions and implications of the Money in Utility (MIU) model in detail. Discuss the model's insights into how money, consumption, and savings interact as well as how it may be used to examine how money affects both individual behavior and macroeconomic results.   [CO1][L4] **20**

Q.3   How do prices are established under the New Keynesian model, and why is this different from the presumptions of other economic models, such as those given by Classical and Keynes?   [CO1][L4] **20**

Q.4   Explain in detail the Two-Country model of monetary policy, emphasizing its main assumptions, components and its implications.   [CO2][L3] **20**

PART-B

Q.5   Examine the role that monetary policy rules play in maintaining price stability, with an emphasis on Taylor's rule in particular. Examine how short-term nominal interest rates affect the inflation gap and how monetary policy may be used to achieve both price and economic stability?   [CO3][L4] **20**

Q.6   Explain in detail the strategy of monetary policy? Give explanation of the key principles, tools, and objectives, emphasizing the role of central banks in controlling inflation and stabilizing the economy.   [CO3][L4] **20**

Q.7   Examine the significance of policy rules and information in the context of monetary policy. Explain how policy rules and information influence the decision-making process of central banks?   [CO4][L4] **20**

End Semester Examination, Dec. 2023
M.A. (Economics) — Third Semester
AGRICULTURAL ECONOMICS (MECO-DS-001)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) What do you understand by Green-Box subsidies?   [CO1] [L1]
   b) What are the disadvantages of non-institutional finance?   [CO1] [L2]
   c) Write a note on AgMarkNet in India.   [CO2] [L2]
   d) What do you understand by e-choupals?   [CO2] [L2]
   e) Are there ways in which intermediaries are useful for farmers?   [CO2] [L2]
   f) What do you understand by MIS and its importance in agriculture? [CO2] [L2]
   g) Write a short note on the process of cost estimation in Indian agriculture. [CO2][L2]
   h) What are the functions of State Trading Corporations?   [CO1] [L1]
   i) Write a short note on APMCs.   [CO1] [L2]
   j) Write a note on India's position in world agriculture.   [CO2] [L2] **2×10**

PART-A

Q.2   Critically analyze the role of Green revolution in Indian agriculture. You can use the articles published in The Wire that were a part of curriculum reading as base for your answer.   [CO3] [L3] **20**

Q.3   What do you understand by price-stabilization and price-support policies? Critically analyze some of them in detail in the Indian context.   [CO3] [L3] **20**

Q.4   Explain contract farming. Write a detailed note along with examples mentioning its advantages and disadvantages.   [CO4] [L5] **20**

PART-B

Q.5   Explain the role and importance of agricultural finance, highlighting the credit constraints faced by farmers. Discuss the challenges in institutional financing.
                                                                       [CO4] [L4] **20**

Q.6   Critically analyze WTO's Agreement on Agriculture.   [CO4] [L5] **20**

Q.7   How are farmers empowered by marketing cooperatives? What are the challenges faced by these cooperatives?   [CO4] [L5] **20**

End Semester Examination, Dec. 2023
M.A. (Economics) — First Semester
MODERN MICROECONOMICS (MECO-DS-101A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) What do you mean by Substitution effect?   [CO1] [L3]
   b) If two goods are perfect substitutes, draw their indifference curve.   [CO1] [L4]
   c) Define 'indifference curve'.   [CO1] [L3]
   d) What is the relationship between average cost of output and the average product of labour?   [CO2] [L4]
   e) Explain the concept of Total Fixed Cost.   [CO2] [L5]
   f) What do you mean by Nash Equilibrium?   [CO3] [L3]
   g) Why is variance calculated to compare two events?   [CO3] [L4]
   h) Write any two features of perfect competition.   [CO4] [L3]
   i) Discuss about the shape of MR curve under monopolistic competition.   [CO4] [L5]
   j) What do you mean by Normal Profit?   [CO4] [L4] **2×10**

PART-A

Q.2   a) Using indifference curve, graphically derive substitution effect and income effect o decompose price effect under consumer theory by Slutsky methods of compensation.   [CO1] [L3] **10**
      b) Derive demand curve graphically using the Ordinal Preferences Approach (Indifference Curve analyses).   [CO1] [L3] **10**

Q.3   a) Explain the reason behind convexity of the indifference curve.   [CO1, 2] [L4] **10**
      b) What do you mean by law of variable Proportion? Use diagram to represent all its stages.   [CO1, 2] [L4] **10**

Q.4   a) Derive Average Variable Cost Curve with the help of Average Product. Explain the reasons behind the change in curvatures.   [CO2] [L3] **10**
      b) Explain the concept of producer's equilibrium by TR TC approach.   [CO2] [L3] **10**

PART-B

Q.5   a) A dominant strategy equilibrium is also a Nash equilibrium but the converse may not be true. Explain in detail.   [CO3] [L3] **10**

      b) A person has an expected utility function of the form $u(w) = \sqrt{w}$. He initially has wealth of $100. He has a lottery ticket that will be worth $12 with probability ½ and will be worth $0 with probability ½. What is his expected utility? What is the lowest price p at which he would part with the ticket?   [CO3] [L3] **10**

Q.6   a) Explain the implication of the features of Monopoly Market.   [CO4] [L4] **10**
      b) List down the steps required to determine price and output in monopoly market. Also show diagrammatically when a monopoly market earns supernormal profits.   [CO4] [L4] **10**

Q.7   a) A Cournot Oligopoly (duopoly) exists where the market demand function facing each of the two firms is
      P = 100 − 2Q, where Q = (Q1 + Q2) and the MC facing each firm is zero. If the two firms form a cartel, what is the market quantity (Q) and market price (P) that will prevail?   [CO4] [L4] **10**

b) Write a short note on kinked demand curve. [CO4] [L4] **10**

End Semester Examination, Dec. 2023
M.A. (Economics) — First Semester
DEVELOPMENT OF MACROECONOMICS (MECO-DS-102A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Explain the concept of equilibrium in the IS-LM framework.   [CO1][L1]
   b) Differentiate between nominal GDP and Real GDP.   [CO1][L1]
   c) Define Phillip Curve. Explain the factors causing downward slope of Phillip Curve.
                                                                          [CO1][L2]
   d) Write a note on Rational Expectation hypothesis.   [CO2][L1]
   e) Define Lucas Critique.   [CO2][L2]
   f) State the features of New Keynesian Economics.   [CO3][L1]
   g) Write a note on Mankiw's New Keynesian Model.   [CO3][L2]
   h) Why prices are sticky in New Keynesian Economics?   [CO3][L2]
   i) Explain the Life-cycle Hypothesis.   [CO4][L1]
   j) What is the Random walk Hypothesis?   [CO4][L1] **2×10**

PART-A

Q.2   Distinguish between short run and long run Phillip curve. Explain why long run Phillip curve is vertical, while in the short run Phillip curve is negatively sloping?   [CO1][L3] **20**

Q.3   Show how rational expectations model of the New Classical economists proves the ineffectiveness of economic policy to ensure economic stability?   [CO2][L4] **20**

Q.4   Write notes on the following:
   a) Lucas aggregate supply function.
   b) Real business cycle.   [CO2][L3] **10×2**

PART-B

Q.5   Give a detailed discussion on what is new keynesian economics and how does it differ from the new classical economics?   [CO3] [L4] **20**

Q.6   Explain permanent Income theory of consumption. How is permanent income measured?   [CO3] [L4] **20**

Q.7   a) Discuss the Random Walk hypothesis (RWH) in the context of financial market and asset pricing.
   b) Explain in detail Tobin's Q theory and its significance in financial decision making.
                                                                          [CO4] [L4] **20**

End Semester Examination, Dec. 2023
M.A. (Economics) — First Semester
MATHEMATICAL APPLICATION IN ECONOMICS (MECO-DS-103A)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 3

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:

a) Determine the degree of homogeneity of the function $z = ax^\alpha y^\beta$.   [CO1] [L1]

b) Write the following matrix as the sum of a symmetric and a skew-symmetric matrix:

$$A = \begin{bmatrix} 4 & 2 & -3 \\ 1 & 3 & -6 \\ -5 & 0 & -7 \end{bmatrix}$$

[CO1] [L1]

c) For what values of k is the matrix A non-invertible?

$$A = \begin{bmatrix} k-2 & k \\ -3 & k \end{bmatrix}$$

[CO1] [L1]

d) What do you understand by orthogonal matrix? Check whether the following matrix is orthogonal or not.

$$A = \begin{bmatrix} 2 & 3 \\ 1 & 2 \end{bmatrix}$$

[CO1] [L1]

e) Write the dual of the problem:
Minimize   z= 2 × 1 + 3 × 2
Subject to $x_1 + 2 x_2 \geq 12$
             $x_1 + x_2 \geq 8$
             $x_1 + 10 x_2 \leq 20$
             $x_1 \geq 0, x_2 \geq 0$ [CO1][L1]

f) A chemical manufacturing company produces two products, A and B. Each product passes through three processes. The processing time (in hrs.) per unit for each of the two products in each process is given below:

	A	B
Process 1	2	5
Process 2	1	2
Process 3	4	2

The total hours available for each process in a week are 30, 24 and 20 respectively. Product A gives a profit of ₹18 per unit and product B gives a profit of ₹15 per unit. Write this problem as a LPP, clearly mentioning the objective function and the constraints. You do not have to solve it.   [CO2][L2]

g) Determine the values of k for which the following system of equations will have a non-trivial solution.
     x − ky + z = 0
     kx +3y − kz = 0
     3x + y − z = 0   [CO2][L2]

h) For the function $f(x, y) = x^3 + 2x^2y^2 + y^3$, verify Young's Theorem.   [CO2][L2]

i) A firm produces x tonnes of output at a total cost of $C(x) = x^3 - 4x^2 - 20x + 7$. Find the fixed cost, variable cost, average cost and marginal cost for producing 10 units of the output. [CO2][L2]

j) Find the price elasticity of demand for the demand function x=10-p where x is demand and p is price. Examine whether the demand is elastic, inelastic or unit elastic at p=6. [CO2][L2] **2×10**

PART-A

Q.2 a) The demand and supply functions for a firm under perfect competition are
$p_d = 1600 - x^2$ and $p_s = 2x^2 + 400$ respectively.
   i) Find the equilibrium price and quantity. **2**
   ii) Find the consumer's surplus. Leave your answer as fraction. **4**
   iii) Find the producer's surplus. Leave your answer as fraction. **4**
b) The total cost of producing x blankets per day is $0.25x^2 + 8x + 20$ pounds. For this production level, each blanket may be sold for $23 - 0.5x$ pounds.
   i) Write the profit function for the firm. **2**
   ii) How many blankets should be produced per day to maximize the total profit? **6**
   iii) What is the maximum profit? [CO3][L3] **2**

Q.3 a) Examine the following function for maxima, minima or saddle points:
$z = x^2 - xy + y^2 + 3x - 2y + 1$. **10**
b) Find the maxima or minima of the function $z = 5x^2 + 6y^2 - xy$ subject to $x + 2y = 24$.
[CO4] [L4] **10**

Q.4 a) A total of ₹8500 was invested in three interest earning accounts with interest rates 2%, 3% and 6% respectively. The total simple interest for all the three accounts in one year equals ₹380. Also, the amount invested in the account at 6% is equal to the sum of the amounts in the other two accounts.
   i) Write the following problem as a system of equations. **4**
   ii) Using Cramer's Rule, find how much money was invested in all the three accounts? **6**
b) Find the inverse of the following matrix, using Matrix Inversion Method:

$$A = \begin{bmatrix} 2 & -1 & 3 \\ -5 & 3 & 1 \\ -3 & 2 & 3 \end{bmatrix}$$

[CO3, 4] [L3, 4] **10**

PART-B

Q.5 A dealer wishes to purchase certain number of fans and sewing machines. He has only ₹5760 to invest and has a space for at the most 20 items. A fan costs him ₹360 and a sewing machine ₹240. His expectation is that he can sell a fan at a profit of ₹20 and a sewing machine at a profit of ₹18. Assuming that he can sell all the items that he buys, how should he invest his money in order to maximize his profit? Formulate this problem as a linear programming problem and solve it by simplex method. [CO4] [L5] **20**

Q.6 a) Using Simplex Method, solve the following function maximize $Z = x_1 + 2x_2$ subject to the constraints $x_1 + 4x_2 < = 8$
$x_1 + x_2 < = 12$,
$x_1 > = 0, x_2 > = 0$ **10**
b) An economy consists of two industries, coal and steel. Production of a dollar's worth of coal requires an input of $0.10 from the coal sector and $0.20 from the steel

sector. Production of a dollar's worth of steel requires an input of 0.2$ from the coal sector and 0.4$ from the steel sector. Find the output for each sector that is needed to satisfy a final demand of 20 billion$ for coal and $10 billion for coal.[CO4]   [L5] **10**

Q.7 a) The economy of a country is based on two sectors, agriculture and oil. Production of a dollar's worth of agriculture requires an input of 0.4$ from agriculture and 0.35$ from oil. Production of a dollar's worth of oil requires an input of 0.2$ from agriculture and 0.05$ from oil. Find the output from each sector that is needed to satisfy a final demand of 40 million $ for agriculture and 250 million $ for oil.   **15**

b) What are Hawkins Simon conditions? The technology matrix of an economic system of two industries is

$$M = \begin{bmatrix} 0.6 & 0.9 \\ 0.20 & 0.80 \end{bmatrix}$$

Test the viability of the system as per Hawkins Simon condition.   [CO4] [L5] **5**

End Semester Examination, Dec. 2023
M.A. (Economics) — First Semester
THEORY OF GROWTH AND DEVELOPMENT (MECO-DS-104A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART A** and **TWO** questions from **PART B**. Marks are indicated against each question.*

Q.1 Write short notes on:
   a) Define 'fertility rate'.
   b) Distinguish between developed and underdeveloped nations.
   c) Define 'Lorenz curve'.
   d) Per-capita as the parameter of economic development. Explain.
   e) Distinguish between growth and development.
   f) Explain demographic dividend.
   g) Define 'infant mortality rate'.
   h) Define 'HDI'.
   i) Define 'PQLI' as an indicator of development.
   j) Explain Gender index.   [CO1,2][L3,4,5] **2×10**

PART-A

Q.2 a) Critically explain Big Push Theory.   [CO1] [L2] **10**
   b) Differentiate between developed and underdeveloped countries as per World Bank's classification of countries into low-income, high-income and middle-income countries.   [CO1] [L2] **10**

Q.3 The transition from underdeveloped countries to developed countries followed with the series of steps. Explain those steps.   [CO2] [L3] **20**

Q.4 Explain the knife edge equilibrium and how its established under Harrod Domar model?
                                                                          [CO2] [L3] **20**

PART-B

Q.5 Examine demographic transition theory in detail along with the implications on the economy due to high population growth.   [CO4] [L3] **20**

Q.6 Population growth is not a burden but also an economic advantage to the economy. Explain the statement in detail with respect to demographic dividend.   [CO2] [L2] **20**

Q.7 a) What is Public Private Partnership and how it can help in the development of the nation?   [CO4] [L4] **10**
   b) What is IPR and how it helps in protecting the rights and why it's an important clause in WTO agreements?   [CO4] [L4] **10**

End Semester Examination, Dec. 2023

M.A. (Economics) — First Semester

QUANTITATIVE DATA ANALYSIS (MECO-DS-105)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
a) What is secondary data? What are its sources?   [CO2][L4]
b) What is the difference between Arithmetic Mean, Geometric Mean and Harmonic Mean? Please show a relationship amongst them.   [CO3][L3]
c) What is the empirical relation between mean median and mode?   [CO3][L3]
d) What is the relevance of "Variance" in central tendency and how is it related to "Standard Deviation"?   [CO3, 4][L4, 5]
e) What is skewness? What are its measures?   [CO4][L5]
f) What is Kurtosis? Please explain three types of kurtosis with a diagram. [CO1][L3]
g) Explain the De-Morgans law in set theory.   [CO1][L3, 4]
h) What is the difference between a Parameter and a Statistic?   [CO2][L4]
i) What is stratified random sampling?   [CO2][L2]
j) When is chi-squared test used?   [CO1, 4][L3] **2×10**

PART-A

Q.2   A company launched a sales campaign and appointed 110-salesmen for this purpose. At the end of the period the sales result were analysed and the following information was obtained:

Sales ('000₹)	Number of Salesmen	Sales ('000₹)	Number of salesmen
50-55	4	75-80	18
55-60	7	80-85	12
60-65	10	85-90	10
65-70	20	90 and above	5
70-75	22		

It was decided to group the salesmen into three categories:
a) Those whose sales were less than ₹68000,
b) Those whose sales were more than ₹68000 but less than 86000, and
c) Those whose sales exceeded ₹86000. The salesmen in the first category were to be given further training and those in the third category to be given efficiency bonus of 2.5% of their sales. Find how many will be trained and how much bonus will be paid? State the assumptions if any.   [CO2,3][L3,4] **20**

Q.3   If U={1, 2, 3, 4, 5, 6, 7, 8}, A={2, 4, 6, 8} and B={2, 3, 5, 7}. Verify that
a) $(A \cup B)' = A' \cap B'$
b) $(A \cap B)' = A' \cup B'$.

Draw appropriate venn diagrams for each of the following:
a) $(A \cup B)'$,
b) $A' \cap B'$,
c) $(A \cap B)'$,
d) $A' \cap B'$ [CO3, 4] [L5, 6] **20**

Q.4   Let A={1, 2, 3}, B={3, 4} and C={4, 5, 6} then Find
       a) $A \times (B \cap C)$
       b) $(A \times B) \cap (A \times C)$
       c) $A \times (B \cup C)$
       d) $(A \times B) \cup (A \times C)$ [CO2, 3] [L4, 5, 6] **5×4**

PART-B

Q.5   Please give a brief introduction to estimation theory. What is point estimation? Explain:
       a) Unbiasedness,
       b) Consistency
       c) Efficiency and Sufficiency of point estimation.   [CO2, 3] [L4, 5, 6] **20**

Q.6   What are the properties of a normal distribution curve with mean µ and standard
       deviation σ. Please mention the equation and draw a neat diagram. What is the
       relationship between mean, median and mode in a standard normal curve? Please draw
       separate diagrams depicting moderate σ, large σ and smaller σ. What can you say
       about the area under the curve with regards to Z-Statistics?   [CO3, 4] [L2, 5] **20**

Q.7   What is sampling of a population? Why is it used? What are errors in sampling? What is
       stratified random sampling? Please explain mathematically. Please explain what is
       proportional allocation of of sample size in stratified sampling?   [CO2, 4] [L5, 6] **20**

End Semester Examination, Dec. 2023
M.A. (Economics) — First Semester
BASIC PRINCIPLES OF ECONOMICS (MECO-DS-106A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Name the methods for measuring national income.   [CO1][L1]
    b) What does the shifting of the demand curve show?   [CO2][L2]
    c) What is meant by net domestic product?   [CO1][L1]
    d) What is opportunity cost?   [CO1][L1]
    e) What is the slope of the demand curve like?   [CO1][L4]
    f) What is personal disposable income?   [CO1][L1]
    g) Define 'scarcity'.   [CO1][L1]
    h) What is microeconomics about?   [CO2][L2]
    i) Define 'gross domestic product'.   [CO3][L4]
    j) When is the elasticity of demand called unitary?   [CO2][L2] **2×10**

PART-A

Q.2   Explain the problem of double counting. Also, state one of the ways of avoiding this problem.   [CO2] [L4] **20**

Q.3   Economics is about making choices in the presence of scarcity. Discuss in detail.   [CO3] [L3] **20**

Q.4   Explain the three-sector circular flow model.   [CO4] [L6] **20**

PART-B

Q.5   What is the elasticity of demand and its various degrees of elasticity? Explain with a diagram.   [CO2] [L3] **20**

Q.6   What does the GDP deflator show? How is it estimated?   [CO3] [L3] **20**

Q.7   How far GDP can be taken as an index of welfare?   [CO3] [L4] **20**

End Semester Examination, Dec. 2023
M.A. (Economics) — Third Semester
ADVANCED RESEARCH METHODOLOGIES (MECO-DS-301)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1 Write short notes on:
a) Criteria of good research. [CO1] [L2]
b) Define Ex post facto research. [CO1] [L2]
c) Components of research problem. [CO2] [L2]
d) Advantages of interview method. [CO2] [L2]
e) Distinguish between quantitative and qualitative research. [CO2| [L2]
f) Objectives of Research. [CO2] [L2]
g) Motivation in Research. [CO3] [L2]
h) Experience Survey. [CO3] [L3]
i) Research hypothesis. [CO4] [L2]
j) Random sampling. [CO4][L2] **2×10**

PART-A

Q.2 Describe the different types of research, clearly pointing out the difference between an experiment and a survey. [CO1] [L2] **20**

Q.3 "Research is much concerned with proper fact finding, analysis and evaluation". Do you agree with this statement? Give reasons in support of your answer. [CO2] [L3] **20**

Q.4 Probability sampling is generally preferred in comparison to non-probability sampling. Explain the procedure of selecting a simple random sample. [CO2] [L4] **20**

PART-B

Q.5 Under what circumstances stratified random sampling design is considered appropriate? How would you select such sample? Explain by means of an example. [CO3] [L4] **20**

Q.6 "Experimental method of research is not suitable in management held". Discuss, what are the problems in the introduction of this research design in business organization? [CO3] [L3] **20**

Q.7 Describe the guiding considerations in the construction of questionnaire. [CO4] [L4] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester
PSYCHOPATHOLOGY (MPSY-CL-301)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1 Answer the following in brief:
   a) Differentiate between 'psychogenic' and 'organic amnesia'. [CO2] [L3]
   b) Define 'thought alienation'. [CO2] [L2]
   c) Write a note on 'DSM'. [CO1] [L2]
   d) Differentiate between emotion and affect. [CO4] [L3]
   e) Define 'depersonalization'. [CO2] [L2]
   f) Explain neologism with example. [CO2] [L2]
   g) Differentiate between 'illusion and hallucination'. [CO2] [L3]
   h) Explain schizotypal personality disorder. [CO4] [L2]
   i) Define 'Aphasia'. [CO2] [L2]
   j) Define motor speech disorder. [CO2] [L2] **2×10**

PART-A

Q.2 Define psychopathology and approaches to classify psychopathology. [CO1][L2] **20**

Q.3 Explain disorder of self experience with case example. [CO2, 4][L2, 3] **20**

Q.4 Explain different delusional disorders as categorized under disorder of thought. [CO2][L3] **20**

PART-B

Q.5 Explain abnormal emotional reaction and abnormal expression of emotion. [CO2][L4] **20**

Q.6 Give a clinical description of emotionally unstable and narcissistic personality disorder. [CO2, 4][L4] **20**

Q.7 With case illustration define the various form of disorder of consciousness. [CO2, 4][L5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester
PSYCHOLOGICAL DISORDERS AND DIAGNOSIS (MPSY-CL-302)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Explain in brief following terms with suitable example:
   a) Modern trends of Psychological disorder.   [CO1] [L1]
   b) Mixed anxiety depressive disorder.   [CO2] [L3]
   c) Social anxiety disorder.   [CO2] [L2]
   d) Hoarding disorder.   [CO3] [L2]
   e) Trichotillomania.   [CO3] [L2]
   f) Bipolar I disorder.   [CO1] [L1]
   g) Brief psychotic disorder.   [CO4] [L4]
   h) Schizoaffective disorder.   [CO5] [L3]
   i) Alcohol-related disorders.   [CO2] [L3]
   j) Anorexia nervosa.   [CO2] [L2] **2×10**

PART-A

Q.2   Elaborate on the term Psychological disorder. Illuminate about the perspectives of Psychological disorders.   [CO1] [L2] **20**

Q.3   Elucidate with the help of a case history about Obsessive Compulsive Disorder. Write about the causal factors and treatment methods for this disorder.   [CO3] [L4] **20**

Q.4   What are the clinical features of Unipolar mood disorder, Bipolar mood disorder and persistent mood disorder? Along with the course, prognosis, causal and treatment methods.   [CO4] [L4] **20**

PART-B

Q.5   Detail out about delusional disorder, Schezo-affective disorder and reactive psychosis.   [CO3] [L4] **20**

Q.6   Elaborate about dissociative conversion disorder and its types. Write the causes and treatment methods of the same.   [CO4] [L5] **20**

Q.7   a) Elucidate the term eating disorder. Mention the types of eating disorder along with its treatment methods.   [CO5] [L5] **10**
   b) Also elaborate on binge eating disorder and psychogenic vomiting.   [CO5] [L5] **10**

End Semester Examination, Dec. 2023
M.A. (Applied Psychology) – Third Semester
CLINICAL PSYCHOLOGY-I (MPSY-CL-303)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Define Clinical Psychology and explain its nature as a discipline.   [CO1][L2]
   b) Provide an overview of the history of Clinical Psychology in India.   [CO2][L2]
   c) Explain the importance of a Code of Conduct and Ethics guidelines in Clinical Psychology.   [CO1][L2]
   d) What are the different methods of research commonly used in Clinical Psychology?
                                                                                  [CO1][L1]
   e) Explain the key principles of the Biological Model in Clinical Psychology. [CO2][L2]
   f) Briefly explain the importance of rapport establishment in clinical setting. [CO2][L2]
   g) Discuss the role of assessments in Clinical Psychology.   [CO2][L2]
   h) What is the purpose of a clinical interview in assessment and treatment?   [CO1][L2]
   i) List and explain some essential skills that an interviewer should possess. [CO1][L1]
   j) Briefly describe the ancient views on clinical psychology.   [CO2][L2] **2×10**

PART-A

Q.2   Discuss the development of standards of clinical psychology in India. How do these standards ensure the quality of clinical practice in the country?   [CO3][L3,4] **20**

Q.3   Analyze the strengths and weaknesses of the psychoanalytic model and the behavioral model in clinical psychology. How can these models be integrated to provide comprehensive treatment for clients?   [CO3][L3,4] **20**

Q.4   Analyze the various methods used in clinical psychology for data collection during assessment. How do different assessment tools and techniques contribute to a comprehensive understanding of the client's condition?   [CO4][L3,4] **20**

PART-B

Q.5   Explain the significance of clinical assessments in the diagnosis and treatment of psychological disorders. How do assessments help in developing personalized treatment plans for clients?   [CO4][L4,5] **20**

Q.6   Describe the skills and competencies required by clinical psychologists when establishing rapport with clients for assessment and treatment? How does a strong therapeutic alliance influence the overall treatment outcome?   [CO3][L4,5] **20**

Q.7   Compare and contrast the biological model and the cognitive model in clinical psychology. Provide examples of how each model can inform the assessment and treatment of psychological disorders?   [CO3][L4,5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester

THEORETICAL MODELS IN COUNSELLING PSYCHOLOGY
(MPSY-CO-301)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Explain therapeutic goals of rational emotive behavior therapy.   [CO1][L1]
   b) "Guidance and counseling are not synonymous terms"- differentiate between guidance and counseling.   [CO1][L2]
   c) Discuss the core concepts of person-centered therapy.   [CO1][L2]
   d) Resistance is common in any counselling process. How an efficient counselor handles client's resistance in counseling process?   [CO2][L3]
   e) Discuss termination stage of counselling and counseling.   [CO2][L3]
   f) Discuss the technique of confrontation in therapy.   [CO1][L2]
   g) What are different types of initial interview in counselling process?   [CO1][L2]
   h) Write about the role of counselor and goals of psychoanalytic therapy.
                                                                 [CO1][L3] **2½×8**

PART-A

Q.2   Explain the basic principles of behavioral therapy along with appropriate therapeutic techniques.   [CO4] [L4] **20**

Q.3   Discuss the basic premises of cognitive behavioral therapy.   [CO3] [L4] **20**

Q.4   'Ethics code provides a common set of principles and standards upon which counsellors build their professional and scientific work' - Elaborate the statement in view of importance of ethical issues in Counselling?   [CO4] [L4] **20**

PART-B

Q.5   Elucidate the goals and techniques of expressive psychotherapy and also highlight their limitations.   [CO2] [L5] **20**

Q.6   Elaborate on the factors that influence the counselling process.   [CO1] [L4] **20**

Q.7   Amrita is a 16-year-old high school girl lives with her parents. Her mother is concerned about her sudden drastic weight loss. She counts calorie and eat very less amount of food. Despite her weight loss, she says that she is 'fat'. On several occasions she has left the table and locked herself in the bathroom. Her parents are highly concerned and seek immediate help from the counsellor.
   a) Being a counsellor how will you diagnose the above case? Discuss about the treatment procedure?
   b) Write about the therapeutic approaches to be followed in the above case study.
                                                                 [CO3] [L5] **10×2**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester
INTERVENTION AND STRATEGIES IN COUNSELLING (MPSY-CO-302)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1 Answer the following questions:
  a) What is the primary goal of psychological intervention? [CO1][L2]
  b) Explain the stages of psychological interventions. [CO2][L2]
  c) How can culturally effective helping be integrated into counseling? [CO2][L2]
  d) Describe the key principles of solution-focused therapy. [CO2][L2]
  e) Discuss the various creative approaches used in counseling and psychotherapy. [CO2][L2]
  f) Explain the applications of relaxation procedures in counseling. [CO2][L2]
  g) Compare and contrast systematic desensitization and aversive therapy in counseling. [CO2][L2]
  h) Discuss the benefits of incorporating yoga and meditation in counseling. [CO1][L2]
  i) How does contingency management work in counseling? [CO1][L2]
  j) Describe the importance of modeling in assertive training. [CO1][L2] **2×10**

PART-A

Q.2 A client comes to you with a specific problem but is resistant to traditional therapy. Apply a technique to help the client explore possible solutions and set achievable goals.
[CO3][L4] **20**

Q.3 A family is in distress due to conflicts between parents and children. Apply a technique to address the goals and objectives of improving family dynamics and discuss practical applications. [CO3][L4] **20**

Q.4 What are the fundamental principles and techniques of psychological intervention, and how do they contribute to effective counseling? [CO4][L4] **20**

PART-B

Q.5 You are called to provide crisis intervention for a client who has experienced a traumatic event? Apply strategies to help the client cope with grief, suicidal thoughts, or the aftermath of sexual abuse or violence. [CO4][L5] **20**

Q.6 You have a client experiencing chronic pain. Apply biofeedback techniques, to help them manage their condition and improve their quality of life. [CO4][L5] **20**

Q.7 A client is experiencing severe stress and panic attacks. Design a counseling approach using various techniques to help the client manage their symptoms. [CO4][L5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester

COUNSELLING ACROSS SPECIFIC POPULATION (MPSY-CO-304)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following:
   a) What are the goals of career counseling?   [CO1, 3][L3]
   b) Define workplace counseling.   [CO2][L3]
   c) Describe the components of DBT.   [CO2, 3][L4]
   d) Explain the grieving process.   [CO3][L3]
   e) Briefly discuss the concept of motivational interviewing.   [CO2, 4][L5]
   f) Discuss the socio-emotional problems of people with disabilities.   [CO4][L3]
   g) What is impairment and how is it different form disability? [CO1, 3][L3]
   h) Write any two techniques of CBT.   [CO2, 4][L5]
   i) Define the concept of couple counseling.   [CO1, 2][L4]
   j) What are the characteristics of healthy and dysfunctional families?   [CO4][L3] **2×10**

PART-A

Q.2   Elaborate on the theory of planned behaviour and reasoned action with relevant examples.   [CO3, 4][L4,5] **20**

Q.3   Health belief model explains people's beliefs about the severity of a disease and their susceptibility. Throw a light on this model with supportive example.   [CO2, 3][L4] **20**

Q.4   Explain in detail the process of couple counseling alongwith relevant example.
[CO2, 4][L3] **20**

PART-B

Q.5   The Trans-Theoretical Model focuses on the concept that behavioural change occurs in stages of motivation as clients move to a more healthful lifestyle. Explain the stages with client session.   [CO1, 4][L5] **20**

Q.6   Describe the key features and structure of career counseling. Discuss in detail the trait and Factor Theory of career counseling with examples.   [CO1, 3][L4] **20**

Q.7   Complicated grief therapy (CGT) is a relatively new psychotherapy model designed to address symptoms of complicated grief. Discuss this therapeutic modality in detail.
[CO3, 4][L5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – First Semester
HUMAN COGNITION (MPSY-DS-101A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Illustrate the concept of cognition.   [CO5][L2]
   b) Elaborate on the introspective method.   [CO1][L2]
   c) Explain the concept of 'fluctuation of attention'.   [CO3][L2]
   d) Elaborate the role of movement in depth perception.   [CO3][L2]
   e) Explain the 'principle of association'.   [CO3][L2]
   f) Differentiate between well-defined and ill-defined problems.   [CO3][L2]
   g) Discuss the process of encoding in LTM.   [CO4][L2]
   h) Evaluate the importance of chunking in memorization.   [CO4][L5]
   i) Elaborate on the concept of 'Psycholinguistic'.   [CO4][L2]
   j) What is the visuospatial sketchpad?   [CO4][L2] **2×10**

PART-A

Q.2   Discuss different techniques of cognitive neuroscience.   [CO2][L2] **20**

Q.3   Illustrate the role of expertise, knowledge, memory, speed, and accuracy in problem-solving.   [CO3][L4] **20**

Q.4   "Accurate Problem solving requires proper representation of the problem" -justify.
                                                                          [CO3][L5] **20**

PART-B

Q.5   Explain the basic process of reading with example.   [CO4][L2,5] **20**

Q.6   Elaborate different theories of attention with examples.   [CO4][L2,5] **20**

Q.7   Throw a light on the concept of 'creativity'. Elaborate different stages of creativity.
                                                                        [CO4][L2,5] **20**

End Semester Examination, Dec. 2023
M.A. (Applied Psychology) – First Semester
BIOLOGICAL BASIS OF BEHAVIOR (MPSY-DS-104A)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
    a) Define brain plasticity.   [CO2] [L1]
    b) Name the part of the brain known as emotional brain define its role. [CO2] [L1]
    c) Write the function of cerebellum.   [CO2] [L3]
    d) Differentiate between Right hemisphere and Left hemisphere.   [CO2] [L2]
    e) Name the hormones secreted by adrenal gland and discuss its function. [CO1] [L1]
    f) Which lobe is responsible for body temperature? Discuss the function. [CO2] [L3]
    g) Briefly explain about Frontal lobe.   [CO2] [L2]
    h) Write the function of LH.   [CO2] [L3]
    i) Define Endocrine system.   [CO1] [L2]
    j) Write the functioning of superior colliculi and Inferior colliculi. [CO2] [L4] **2×10**

PART-A

Q.2   Draw human brain and four lobes of human brain with its functioning.   [CO3] [L4] **20**

Q.3   Critically analyze the process of action potential with suitable diagram and graph.
                                                    [CO4] [L5] **20**

Q.4   Write in detail about Anatomy of Brain with suitable diagram.   [CO4] [L4] **20**

PART-B

Q.5   Elaborate upon the Physiological basis of Hunger and its stages.   [CO4] [L5] **20**

Q.6   Explain about the major Hormones associated with memory. Briefly write about three store model of memory with suitable example.   [CO3] [L4] **20**

Q.7   Critically analyse Physiological basis of emotions critically analyze James lange, Cannon-Bard, Schachter singer theory with appropriate examples.   [CO3] [L5] **20**

End Semester Examination, Dec. 2023
M.A. (Applied Psychology) – First Semester
PSYCHOLOGY OF EVRYDAY LIFE (MPSY-DS-106)

Time: 3 hrs. Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) Distinguish between intrinsic and extrinsic motivation. [CO2][L2]
   b) What are monocular cues? [CO1][L3]
   c) Briefly explain self- determination theory. [CO3][L2]
   d) Define 'personality'. [CO1][L2]
   e) What are the factors influencing selective attention. [CO3][L3]
   f) Define four goals of psychology. [CO2][L3]
   g) What are perception and its relevance in everyday life? [CO2][L2]
   h) What is spontaneous recovery in classical conditioning? [CO4][L2]
   i) Differentiate between negative and positive reinforcement with example. [CO2][L2]
   j) What is insight learning? [CO5][L3] **2×10**

PART-A

Q.2   Explain the following theories of emotion citing relevant examples:
   a) James-Lange theory.
   b) Schachter-Singer theory.
   c) Cannon-Bard theory. [CO2][L4] **20**

Q.3   Discuss operant conditioning in detail with relevant example. [CO3][L5] **20**

Q.4   What is the main proposition of Gestalt psychologists with respect to perception of the visual field? [CO4][L4] **20**

PART-B

Q.5   Enumerate the concept of operant conditioning. Elaborate on the factors that govern operant conditioning. [CO5][L4] **20**

Q.6   Discuss the biological foundations of personality. [CO2][L4] **20**

Q.7   Elaborate on the applications of learning principles. [CO4][L5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – First Semester

FUNDAMENTALS OF PSYCHOLOGICAL RESEARCH: TOOLS AND TECHNIQUES (MPSY-DS-109)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Answer the following questions:
   a) Histogram.
   b) Variability.
   c) Types of correlation.
   d) Inferential statistics.
   e) Survey.
   f) Skewness.
   g) Kurtosis.
   h) Normal probability curve.
   i) Compute the standard deviation from the following score:
       52, 50, 56, 68, 65, 62, 57, 70
   j) Regression.   [CO1, 2][L1, 2] **2×10**

PART-A

Q.2   Distinguish between parametric and non-parametric statistics using suitable examples.
                                                                      [CO2, 3, 4][L2, 4] **20**

Q.3   Discuss the technique analysis of variance used for analysis of statistical data, by explaining the steps involved in application of ANOVA with the help of a hypothetical example.   [CO3, 4][L3, L5] **20**

Q.4   Describe the term "measure of central tendencies" Discuss the different measures of central tendency with their merits and demerits using relevant numerical examples.
                                                                      [CO3, 4][L3, 4, 5] **20**

PART-B

Q.5   Find rank correlation coefficient from the following data and interpret the results.

Individuals:	A	B	C	D	E	F	G	H	I	J
Marks in x:	19	16	16	12	11	11	10	9	8	7
Marks in y:	16	17	14	13	12	12	9	9	6	7

                                                                      [CO3, 4][L4, 5] **20**

Q.6   Two groups of ten students each got the following score on an attitude scale:

Group I:	10	9	8	7	7	8	6	5	6	4
Group II:	9	8	6	7	8	8	11	12	6	5

Compute the means for both groups and test the significance of the difference between these two means.   [CO3, 4][L3, 4, 5] **20**

Q.7   Find the correlation coefficient between the following two sets of scores using the product moment method and also, interpret these coefficients.

Subjects:	A	B	C	D	E	F	G	H	I	J
Test x:	13	12	10	10	8	6	6	5	3	2
Test y:	11	14	11	7	9	11	3	7	6	1

                                                                      [CO3, 4][L3, 4] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester

PERSONALITY: THEORIES AND ASSESSMENT (MPSY-DS-305)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) What did Freud mean when said that the ego is caught in the middle, pressured by the three insistent and opposing forces. [CO2][L2]
   b) Explain the difference between fixed-interval and variable interval schedules of reinforcement. [CO2, 3][L2]
   c) How do cardinal traits, central traits and secondary traits differ from one another? [CO3][L1]
   d) What was Karen Horney s interpretation of the Oedipus complex? [CO1][L2]
   e) Describe two aspects or content of dreams. [CO2, 3][L2]
   f) Discuss the theorical basis of logo-therapy. [CO1, 2][L3]
   g) Explain the term fully functioning person. [CO2, 3][L3]
   h) Discuss the relationship between personal unconscious and collective unconscious. [CO2-][L2]
   i) In what ways does Horney's image of human nature differ from freud's. [CO1][L2]
   j) Differentiate between deficiency and growth need. [CO2][L3] **2×10**

PART-A

Q.2   Discuss the concept of personality development across the lifespan. How do different personality theories explain the changes and continuity in an individual's personality from childhood to old age? [CO3, 4][L3] **20**

Q.3   Write short notes on:
   a) Albert bandura.
   b) Carl Rogers.
   c) Sigmund Freud.
   d) B.F. Skinner. [CO3, 2][L3] **5×4**

Q.4   Explain the concept of self-actualization in the context of Maslow's hierarchy of needs. How does this concept relate to personal growth and fulfillment? [CO1, 2][L5] **20**

PART-B

Q.5   Throwing light on the eastern perspective in personality, discuss Triguna theory of personality. [CO1, 2][L4] **20**

Q.6   Define and describe the projective and non-projective tests. How have these tests been used in personality research and assessment? [CO4][L3] **20**

Q.7   Explain how complex behavior such as learning to speak is acquired through successive approximation? Critically evaluate this theory of personality. [CO3][L3,4] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester
PSYCHOLOGY OF ATHLETES, COACHING, AND OFFICIATING
(MPSY-SP-301)

Time: 3 hrs.   Max Marks: **100**
No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Explain the following:
a) Coaching philosophy.   [CO-1][L-3]
b) Coaching process.   [CO-2][L-4]
c) Officiating.   [CO-3][L-3]
d) Psychological skill training.   [CO-4][L-5]
e) Psyching up.   [CO-3][L-3]
f) Decision making.   [CO-3][L-3]
g) Conflict resolution.   [CO-3][L-3]
h) Time management.   [CO-3][L-3]
i) Role of coaches.   [CO-4][L-4]
j) Psyching down.   [CO-4][L-4] **2×10**

PART-A

Q.2   Elucidate in detail the different approaches to coaching philosophy.   [CO-1][L-4] **20**

Q.3   What are the different levels of coaching and briefly explain social context of coaching.
[CO-2][L-5] **20**

Q.4   Elucidate in detail the psychological preparation for officiating (pre, during, post competition).   [CO-3][L-5] **20**

PART-B

Q.5   Explain the essence of psychological skill training programs.   [CO-3][L-3] **20**

Q.6   How does under arousal and over arousal hurt performance?   [CO-4][L-4] **20**

Q.7   Discuss the circumstances where athletes should use instructional and motivational self-talk strategies.   [CO-4][L-5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) – Third Semester
INTERVENTION STRATEGIES IN SPORTS PSYCHOLOGY
(MPSY-SP-303)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Answer the following in brief:
a) Eating disorders.   [CO-4][L-3]
b) Action theory approach.   [CO-3][L-4]
c) Sport injury.   [CO-2][L-5]
e) Transcendental meditation.   [CO-4][L-5]
f) Biofeedback.   [CO-1][L-5]
g) Thought stopping.   [CO-1][L-3]
h) Psycho regulation.   [CO-3][L-4]
i) Choking.   [CO-3][L-3]
j) Under arousal.   [CO-2][L-4] **2×10**

PART-A

Q.2   Explain mental skill training in sports through a clinician's perspective.   [CO-1][L-4] **20**

Q.3   What are the different relaxation procedures used in sports?   [CO-2][L-4] **20**

Q.4   Explain cognitive strategies such as imagery, thought stopping etc. which are used as intervention strategies in sports.   [CO-3][L-3] **20**

PART-B

Q.5   Explain the coach-athlete communication and the importance of the same.

[CO-4][L-3] **20**

Q.6   Elucidate on athlete energy management skills with an example.   [CO-4][L-4] **20**

Q.7   How does choking happen in sports and how it can be prevented?   [CO-2][L-5] **20**

End Semester Examination, Dec. 2023

M.A. (Applied Psychology) - Third Semester
SPORTS INJURIES AND REHABILITATION (MPSY-SP-304)

Time: 3 hrs. Max Marks: **100**

No. of Pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1 Answer the following in brief:
   a) Enumerate the common sports injuries. [CO-1] [L-3]
   b) Enumerate therapeutic effects of heat? [CO-2] [L-3]
   c) What do you mean by progression? Explain with example in Rehabilitation phase?
   [CO-1] [L-4]
   d) Explain in detail about PRICE. [CO-2] [L-3]
   e) Enumerate TOTAPS. [CO-2] [L-3]
   f) Draw and label mercury vapour lamp. [CO-3] [L4]
   g) Define galvanotaxis. [CO-3] [L3]
   h) Enumerate the components of Rehabilitation Program. [CO-2] [L3]
   i) What do you mean by contusion? Discuss with example. [CO-1] [L3]
   j) What do you mean by Concussion? [CO-1] [L-2] **2×10**

PART-A

Q.2 What do you mean by Rehabilitation? Elaborate Phases of Rehabilitation.
[CO-2] [L-3,4] **20**

Q.3 Define sports injuries. Explain its classification and on-field assessment in detail.
[CO-1] [L-2,3] **20**

Q.4 a) Enumerate the differences between Strain and Sprain with examples.
   b) Explain progression of treatment in Rehabilitation. Enlighten about the parameters of the same. [CO-1,2] [L-3,4] **20**

PART-B

Q.5 Explain the action plan of the first aider in assessing whether the victim has any life-threatening conditions? Explain CPR and its steps in first aid? [CO-2] [L-3,4] **20**

Q.6 Explain the procedure of giving UVR to a patient with psoriasis lesion on forearm with patient positioning, E1 determination, method of irradiation and dosimetry calculation with progression. [CO-2] [L-4,5] **20**

Q.7 Explain pain-gate theory with diagram and the underlying mechanism of TENS.
[CO-3] [L-3,4] **20**

End Semester Examination, Dec. 2023

M.A (Public Policy and Public Administration) – First Semester
INTRODUCTION TO PUBLIC ADMINISTRATION (MPUB-DS-101)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1 Write short notes on the following:
a) Stages of Evolution of Public Administration. [CO1] [L1]
b) Agraria-Industria Model. [CO1] [L1]
c) Line vs Auxiliary Vs Staff Agency. [CO3] [L1]
d) Division of Work and its relation to Coordination. [CO2] [L1]
e) Transactional vs transformational leadership. [CO4] [L1]
f) Fused Prismatic Diffracted Model. [CO1] [L1]
g) Classification of communication. [CO2] [L3]
h) How principles of Hierarchy, Unity of Command, and Span of Control are related to an organizational setting? [CO1] [L2]
i) New Public Management. [CO3] [L1]
j) Prismatic Sala Model. [CO2] [L1] **2×10**

PART-A

Q.2 Public administration has evolved through different stages, from traditional to contemporary. Discuss the major characteristics and drivers of each stage, highlighting the challenges and transformations that occurred along the way. [CO1] [L2] **20**

Q.3 "Herbert Simon's book administrative behavior presents a synthesis of the classical and behavioral approaches to the study of public administration". Explain in detail. [CO2] [L4] **20**

Q.4 Delegation is a crucial aspect of public administration. Describe the process of delegation and its significance in government organizations. Using practical examples elucidate the potential benefits and pitfalls associated with delegation in public administration. [CO4] [L2] **20**

PART-B

Q.5 New public administration is less generic more public, less descriptive more normative, less initiation-oriented, and more client impact-oriented, and yet it is no less scientific. Discuss in detail. [CO3] [L3] **20**

Q.6 The tools of accountability strengthen governance and empower citizens. Evaluate the impact of institutional measures on enhancing transparency and accountability. Substantiate your views. [CO4] [L5] **20**

Q.7 'Leadership is seen as dealing with change, whereas administration is viewed as coping with complexity'. In this context, discuss the contextuality of leadership and administration for the success of organizations. [CO2] [L3] **20**

End Semester Examination, Dec. 2023
M.A (Public Policy and Public Administration) – First Semester
INTRODUCTION TO PUBLIC POLICY (MPUB-DS-102)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 2

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Organisational displacement.   [CO2][L1]
   b) Policy feedback.   [CO2][L1]
   c) Natural monopoly.   [CO1][L1]
   d) Public policy.   [CO1][L1]
   e) Policy analysis.   [CO1][L1]
   f) Public goods.   [CO3][L1]
   g) Cost benefit analysis.   [CO3][L1]
   h) Welfare state.   [CO2][L1]
   i) Destructive competition.   [CO2][L1]
   j) Means of production.   [CO2][L1] **2×10**

PART-A

Q.2   Describe the policy cycle in detail, highlighting each of its phases. Discuss the importance of understanding this cycle for effective public policy development and implementation.   [CO2][L4] **20**

Q.3   Discuss the role of civil society organizations in shaping public policy. Provide examples of successful civil society interventions and their impact on policy outcomes in India.
                                                                            [CO4][L2] **20**

Q.4   Analyze the challenges and opportunities in implementing evidence-based policymaking in India. Discuss the role of data, research, and expertise in influencing policy decisions and their implementation.   [CO2][L4] **20**

PART-B

Q.5   **Case study 1:** Universal Basic Income (UBI).
   The concept of Universal Basic Income (UBI) has gained popularity in recent years as a potential solution to address poverty and income inequality. Analyze the UBI policy, its potential advantages, and drawbacks. Discuss how UBI could impact the social and economic dynamics of a country like India.
   a) Describe the core principles and objectives of Universal Basic Income.
   b) Discuss the potential benefits and challenges associated with implementing UBI in India.
   c) Analyze the economic implications of UBI, including its impact on employment and income distribution.
   d) Assess the political feasibility of introducing UBI in India and identify potential obstacles.   [CO4][L5] **5×4**

Q.6 **Case study:** The Clean India Campaign.

The Clean India Campaign, also known as the Swachh Bharat Abhiyan, was launched by the Indian government to address the issue of sanitation and cleanliness in the country. Analyze the key objectives, strategies, and outcomes of this policy initiative. Discuss the challenges faced and the lessons that can be learned from the Clean India Campaign in the context of public policy development and implementation in India.

a) What were the main objectives of the Clean India Campaign?

b) Discuss the key strategies implemented in this policy initiative.

c) Analyze the outcomes and impact of the Clean India Campaign on Indian society.

d) Identify and discuss the major challenges faced during the implementation of this policy. [CO4][L5] **5×4**

Q.7 Analyze the concept of "Welfare State" and its relevance in the Indian context. Discuss the challenges and opportunities faced in promoting a welfare state in India. [CO2][L4] **20**

End Semester Examination, Dec. 2023
M.A (Public Policy and Public Administration) – First Semester
INTRODUCTION TO GOVERNANCE (MPUB-DS-103)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Treaty of Westphalia.   [CO2][L1]
    b) Good governance and human rights.   [CO2][L4]
    c) Transparency and responsiveness.   [CO1][L1]
    d) Citizen charter.   [CO3][L1]
    e) Global governance.   [CO1][L1]
    f) Right to education.   [CO1][L1]
    g) Rule of law.   [CO1][L1]
    h) Anti-corruption.   [CO1][L1]
    i) Washington consensus.   [CO1][L1]
    j) Path dependency.   [CO3][L1] **2×10**

PART-A

Q.2   Analyse the free rider problem as a key concern in the field of global governance. Illustrate in reference to the climate change negotiations.   [CO1] [L4] **20**

Q.3   Discuss the issue of food insecurity as a national and global problem. Outline key policy and institutional responses made at various levels to address it.   [CO3] [L2] **20**

Q.4   Mention key aspects of the governance system of the Palestinian authority. Do you think that the European Union (EU) model of governance can be applied in South Asia? Assess.   [CO2] [L1, 5] **20**

PART-B

Q.5   Analyse the process reflecting 'marketizing of the welfare state' within the framework of neoliberal social welfare policy.   [CO2] [L4] **20**

Q.6   How did neoliberalism evolve from explicit theory to default practice?   [CO2] [L3] **20**

Q.7   Examine the relationship between medicalisation and neo-liberalisation with a case study of social welfare policy in the USA.   [CO2] [L4] **20**

End Semester Examination, Dec. 2023
M.A (Public Policy and Public Administration) – First Semester
CIVIL SERVICES IN INDIA (MPUB-DS-104)

Time: 3 hrs.

Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
   a) Civil services.   [CO1][L1]
   b) Bureaucracy.   [CO2][L3,4]
   c) Lee commission 1923.   [CO1][L1,4]
   d) Article 315.   [CO1][L2,3]
   e) Article 320.   [CO1][L2,4]
   f) Training of Civil Servants.   [CO2][L2,3]
   g) Classification of Civil Services.   [CO2][L1,2]
   h) Public Service Commission.   [CO2][L1,2,4]
   i) Civil Services Reforms.   [CO3][L2,4]
   j) Civil Services and Globalization.   [CO3][L2,4] **2×10**

PART-A

Q.2   Discuss the relationship between bureaucrats and politics parties. [CO1, 3] [L1, 2, 3] **20**

Q.3   Elaborate the Max Weber theory of bureaucracy and its criticism.   [CO2] [L1, 2, 3] **20**

Q.4   Discuss the changing nature of technology and its impact on public services.
[CO1, 3] [L1, 2, 4] **20**

PART-B

Q.5   Elaborate the significance of neutrality and commitment for civil servants.[CO3]   [L5,   6] **20**

Q.6   Elaborate the disciplinary procedures for civil servants.   [CO1, 3] [L1, 2, 3] **20**

Q.7   Discuss the history of development of civil services in India.   [CO1, 3] [L1, 3] **20**

End Semester Examination, Dec. 2023
M.A (Public Policy and Public Administration) – First Semester
ADMINISTRATIVE THINKERS (MPUB-DS-105)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt **FIVE** questions in all; **Q.1** is **compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B.** Marks are indicated against each question.*

Q.1   Write short notes on the following:
    a) Representative bureaucracy.   [CO2] [L1]
    b) 4'P' bases of departmentalisation.   [CO3] [L1]
    c) Theory of alienation.   [CO1] [L1]
    d) Saptang theory of state.   [CO1] [L1]
    e) Ascriptive vs performance oriented.   [CO2] [L1]
    f) Hawthorne experiments.   [CO2] [L1]
    g) Concept of authority.   [CO1] [L1]
    h) New public management.   [CO1] [L1]
    i) POSDCORB.   [CO2] [L1]
    j) Politics-administration dichotomy.   [CO3] [L1] **2×10**

PART-A

Q.2   While Barnard began with an individual went to cooperative effort, and finished with executive functions, Taylor and his colleagues focused on increasing the task efficiency of the person. Comment it.   [CO3] [L5] **20**

Q.3   What are the administration's guiding principles, according to Henri Fayol? Examine the traditional method of studying public administration critically.   [CO1] [L4] **20**

Q.4   The definition of "representative bureaucracy" is revised in V Subramaniam's book Representative Bureaucracy: A Reassessment. What are the main criteria or characteristics that Subramaniam identifies in evaluating the success of representative bureaucracy?   [CO3] [L3] **20**

PART-B

Q.5   Mary Parker Follett accords an important place to the problems of conflict in her writings. Elaborate.   [CO2] [L2] **20**

Q.6   Robert Dahl noted three issues with public administration as a field of study. Could you describe each issue in depth, using examples to highlight its importance in the field of public administration?   [CO2] [L4] **20**

Q.7   What are the main conclusions drawn from Anusmita Dutta and Manish S. Dahade's article's comparison and contrast of Kautilya and Sun Tzu's diplomatic theories?
[CO2] [L2] **20**

End Semester Examination, Dec. 2023

M.A (Public Policy and Public Administration) – Third Semester

COMPARATIVE PUBLIC ADMINISTRATION (MPUB-DS-301)

Time: 3 hrs.　　　　　　　　　　　　　　　　　　　　　　　　Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory***. Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1　Answer the following in brief:
   a)　Define Administration.　　　　　　　　　　　　　　　　[CO1] [L1]
   b)　Pendleton Act.　　　　　　　　　　　　　　　　　　　[CO1] [L1]
   c)　F.W. Taylor's Scientific Management.　　　　　　　　　[CO2] [L1]
   d)　Fused-Prismatic-Diffracted Model.　　　　　　　　　　[CO2] [L1]
   e)　Post-Second World war phase.　　　　　　　　　　　　[CO1] [L1]
   f)　Bureaucratic Administration.　　　　　　　　　　　　　[CO1] [L1]
   g)　Administration in France.　　　　　　　　　　　　　　[CO2] [L1]
   h)　Development Administration.　　　　　　　　　　　　　[CO3] [L1]
   i)　New Public Management.　　　　　　　　　　　　　　　[CO3] [L1]
   j)　The New Public Service.　　　　　　　　　　　[CO3] [L1] **2×10**

PART-A

Q.2　Describe the post-second world war phase and the systematic beginning of Comparative Public Administration.　　　　　　　　　　　[CO1] [L2] **20**

Q.3　Discuss the salient features and criticism of all the approaches to the study of Comparative Public Administration.　　　　　　　　　[CO1] [L2] **20**

Q.4　Examine the interpretations of Ferrel Heady in the administrative practices of developing and developed countries.　　　　　　　　[CO2] [L5] **20**

PART-B

Q.5　Evaluate the control mechanisms of administration of United Kingdom and Unites States of America　　　　　　　　　　　　　　　　[CO3] [L5] **20**

Q.6　Examine the models of development administration.　　　[CO3] [L5] **20**

Q.7　Illustrate the characteristics of governmental system of France.　[CO3] [L4] **20**

End Semester Examination, Dec. 2023

M.A (Public Policy and Public Administration) – Third Semester
PROCESSES OF STATE ACTION (MPUB-DS-302)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write the following short notes:
  a) Define the term state.   [CO1] [L1]
  b) Give four characteristics of state.   [CO1] [L1]
  c) Discuss the concept of sovereignty and the social contract.   [CO2] [L2]
  d) What do you understand by welfare state?   [CO2] [L2]
  e) Write a short note on 'digital transactions'.   [CO3] [L3]
  f) A function can be public or governmental either because it bears a peculiar relationship to sovereignty. Explain.   [CO2] [L4]
  g) Give example of digitization in context of environmental governance.   [CO3] [L2]
  h) What are the models of conflict resolution in international relations? [CO4] [L2]
  i) What do you understand by public and private dichotomy in state action? [CO4] [L1]
  j) What do you mean by e-governance?   [CO3] [L1] **2×10**

PART-A

Q.2   Discuss the evolution of modern state. What are the different types of state systems?
[CO1] [L2] **20**

Q.3   What do you mean by state action? Discuss the features of weak and strong states.
[CO2] [L3] **20**

Q.4   What is good governance? Discuss the salient features of district good governance plan.
[CO2] [L2] **20**

PART-B

Q.5   What are key drivers of global change? Discuss the rise of non-state actors and multi actors in global governance.   [CO3] [L3] **20**

Q.6   Discuss in detail the limits of welfare state. Explain the dilemmas for post growth welfare system.   [CO4] [L4] **20**

Q.7   What do you understand by bringing the state back in? Discuss the relationship between state and social structure.   [CO4] [L4] **20**

End Semester Examination, Dec. 2023
M.A. (Public Policy and Public Administration) – Third Semester
PUBLIC POLICY ANALYSIS (MPUB-DS-304)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write short notes on the following:
  a) Define 'public policy'.   [CO2][L1]
  b) Policy 'formulation'.   [CO1][L2]
  c) Policy 'implementation'.   [CO2][L1]
  d) Approaches to study public policy.   [CO3][L1]
  e) Role of media and civil society in public policy.   [CO1][L1]
  f) Evaluation of public policy.   [CO1][L1]
  g) What distinguishes a successful public policy analysis from an unsuccessful one?
                                                                     [CO1][L1]
  h) Role of multinational and transnational agencies.   [CO2][L1]
  i) Evaluation of public policy.   [CO1][L2]
  j) Public policy and nation building.   [CO2][L3] **2×10**

PART-A

Q.2   Discuss in detail the actors and their role in Public Policy Analysis.   [CO1][L3] **20**

Q.3   Analyze the various processes and stages of analyzing public policy.   [CO3][L3] **20**

Q.4   How does India approach social justice issues through its diverse public policies, such as those pertaining to affirmative action, gender equality, and minority rights?
                                                                     [CO4][L4] **20**

PART-B

Q.5   What are the primary constraints that influence the development and implementation of public policies, and how do factors like budget limitations, political considerations, and stakeholder interests impact the decision-making process in the realm of public policy?
                                                                     [CO3][L4] **20**

Q.6   What are the various types of Public Policy Analysis? Discuss in detail.   [CO3][L4] **20**

Q.7   Can you discuss a recent case where the findings of a public policy analysis led to significant changes in policy direction, and what lessons can be drawn from this example for future analyses?   [CO3][L6] **20**

End Semester Examination, Dec. 2023
M.A (Public Policy and Public Administration) – Third Semester
LAW ETHICS IN GOVERNANCE (MPUB-DS-307)

Time: 3 hrs.   Max Marks: **100**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1** *is* **compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B.** *Marks are indicated against each question.*

Q.1   Write the following short notes:
a) Ethical dilemma.   [CO1][L1]
b) Social morality and constitutional morality.   [CO2][L2]
c) What is the relevance of natural justice in governance?   [CO1][L1]
d) The RTI Act of 2005.   [CO2][L1]
e) The Principles of Good Administration.   [CO3][L1]
f) Relationship between law and administration.   [CO2][L2]
g) Discuss Durga Shakti Nagpal Case 2013.   [CO2][L2]
h) What are the key principles of good governance?   [CO1][L1]
i) Discuss how the Preamble of the Indian Constitution serves as a guiding document that articulates the fundamental values and objectives of the nation?   [CO3][L4]
j) Laissez- faire and welfare state.   [CO3][L4]**2×10**

PART-A

Q.2   What are ethics in administration? Discuss the prominent ethical issues and dilemmas that have emerged in Indian administration in recent years. Provide specific examples and analyze the impact of these ethical challenges on the functioning of government institutions and public trust.   [CO3] [L4] **20**

Q.3   Examine and analyze the determinants that shape an individual's ethical decision-making within the realm of administration. Illustrate with examples and elucidate the waves in which these factors can exert an influence on ethical conduct within organizations?   [CO2] [L4] **20**

Q.4   What is the model of the separation of powers in the Indian Constitution? Elaborate on the 'functional overlap' between the three organs of governance with specific case studies and analyze the problems arising from this overlap which lead to arbitrary exercise of power?   [CO3] [L5] **20**

PART-B

Q.5   Write short notes on the following:
a) Delegated legislation.
b) Rule of law.
c) Principle of natural justice.
d) Principles of Check and balances.   [CO3][L4] **5×4**

Q.6   How do the values of dharma, satya, and ahimsa, deeply rooted in Indian civilization, shape the ethical foundation in governance in India? Provide examples of how these values are reflected in contemporary Indian administrative initiatives and policies?   [CO3][L5] **20**

Q.7   Whistleblowers often play a crucial role in exposing corruption and malpractice. How has the Whistleblower Protection Act influenced the culture of transparency and accountability in government and public sector organizations in India?   [CO1][L5] **20**

End Semester Examination, Dec. 2023

M.A. (Public Administration and Public Policy) –First Semester
INDIAN ECONOMY (MPUB-ID-002)

Time: 3 hrs.   Max Marks: **50**

No. of pages: 1

Note: *Attempt* **FIVE** *questions in all;* **Q.1 is compulsory**. *Attempt any* **TWO** *questions from* **PART-A** *and* **TWO** *questions from* **PART-B**. *Marks are indicated against each question.*

Q.1   Answer the following in brief:
   a) What do you understand by parallel economy?   [CO-2][L-1]
   b) Give two features of Indian economy.   [CO-1][L-1]
   c) What do you understand by economic development?   [CO-1][L-2]
   d) What is the pattern of financing the five-year plans in India? [CO-3][L-3]
   e) Discuss the trends in the growth of population.   [CO-2][L-3]
   f) What is human development Index?   [CO-3][L-2]
   g) What are planning commission estimates of poverty?   [CO-2][L-2]
   h) Why GDP is an important economic indicator?   [CO-4][L-3]
   i) How does GDP affect the living standards in India?   [CO-4][L-4]
   j) What are the different types of communication system in India? [CO-4][L-4] **1×10**

PART-A

Q.2   Discuss the structure and challenges of Indian economy in the pre-British period?

[CO-1][L-1] **10**

Q.3   What are various stages in the evolution of Indian economic thought?

[CO-2][L-2] **10**

Q.4   What are the basic characteristics of Indian economy as developing economy?

[CO-2][L-2] **10**

PART-B

Q.5   Discuss India as a mixed economy.   [CO-3][L-3] **10**

Q.6   What are the major issues of development in Indian economy?   [CO-4][L-4] **10**

Q.7   Write a detailed note on human resource and economic development. [CO-4][L-4] **10**

End Semester Examination, Dec. 2023

M.A. (Public Policy and Administration) – First Semester
INDIAN ADMINISTRATION (MPUB-OE-001)

Time: 3 hrs.   Max Marks: **100**
No. of pages-1

*Note: Attempt **FIVE** questions in all; **Q.1 is compulsory**. Attempt any **TWO** questions from **PART-A** and **TWO** questions from **PART-B**. Marks are indicated against each question.*

Q.1   Write short notes on:
    a) Governor's role in emergency.   [CO 1] [L1]
    b) Election commission.   [CO 2] [L1]
    c) President's rule.   [CO 1] [L1]
    d) Chief Secretary.   [CO 2] [L1]
    e) Cooperative federalism.   [CO 1] [L1]
    f) Union Public Service Commission.   [CO 1] [L1]
    g) Vigilance commission.   [CO 1] [L1]
    h) 74th Amendment.   [CO 1] [L1]
    i) 73rd Amendment.   [CO 1] [L1]
    j) Lokayukta.   [CO 1] [L1] **2×10**

PART-A

Q.2   What is the significance of the GOI Act of 1935 in Indian Administrative structures that we see today? Explore the evolution of Indian Administration in the colonial period while answering.   [CO 1] [L- 1, 2,3] **20**

Q.3   What are the functions of the Cabinet? What are its roles and responsibilities?
                                              [CO-2] [L- 1, 2,3,4] **20**

Q.4   Explore the challenges between the power tussle between the Chief Minister and Governor? How has decentralization further ignited this power tussle over the years?   [CO- 2][L- 1, 2, 3] **20**

PART-B

Q.5   What kind of autonomy is given in Indian federal structures? How does it effect administration of the centre and state levels in matters of law and order? Use specific case studies   [CO- 2][L- 1, 3, 5] **20**

Q.6   How centre state relations evolved in the post Independent India?
                                            [CO- 3][L- 1, 2, 3, 4] **20**

Q.7   Explain how emergency provisions are a balancing act between federalism and unity in Indian context?   [CO-2][L-1, 2, 3, 4] **20**