

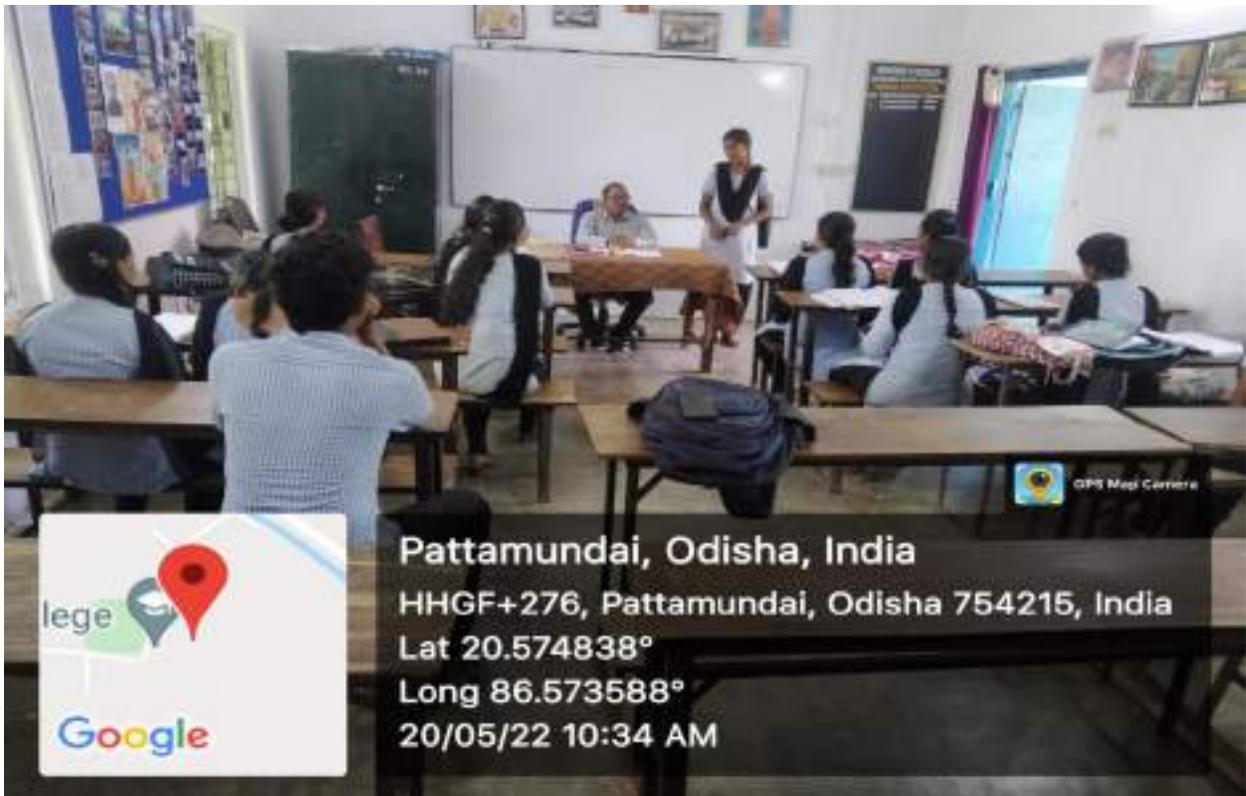
PATTAMUNDAI COLLEGE, PATTAMUNDAI



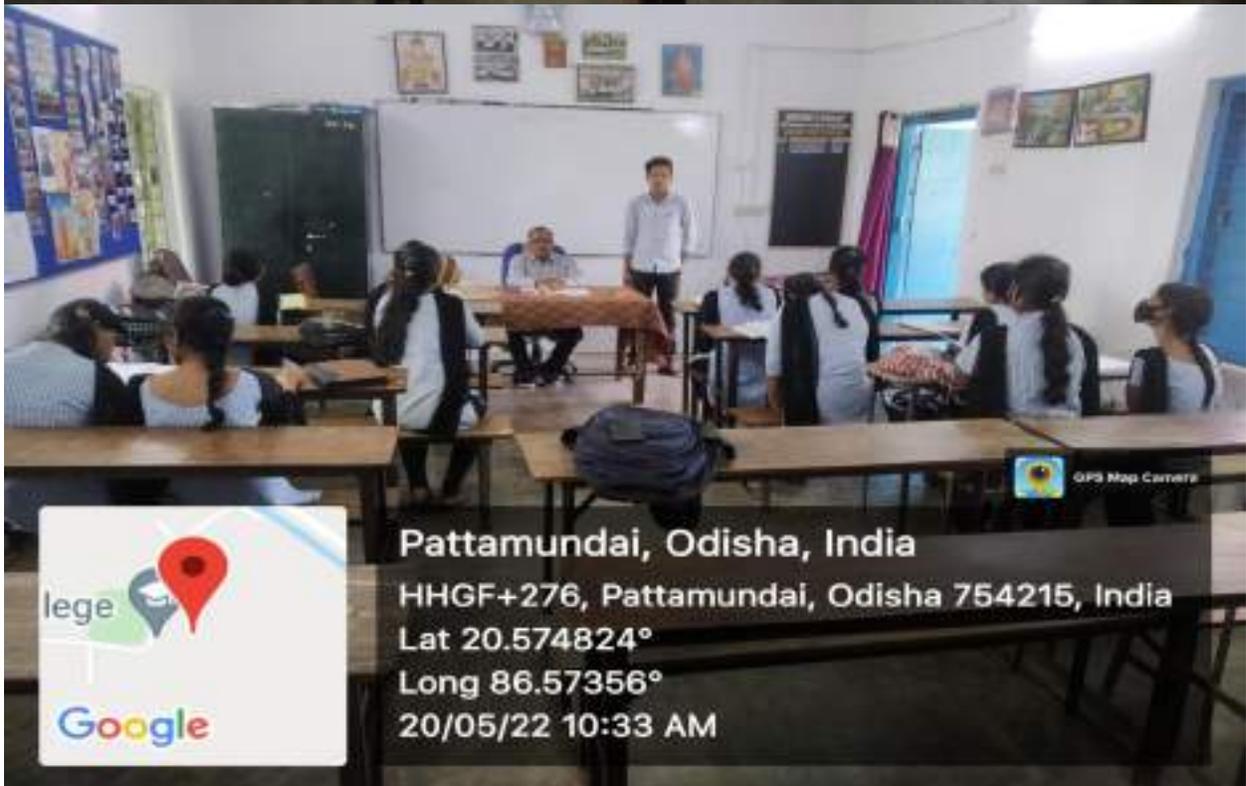
DEBATE COMPETITION AMONG STUDENTS



GROUP DISCUSSION AMONG STUDENTS



Pattamundai, Odisha, India
HHGF+276, Pattamundai, Odisha 754215, India
Lat 20.574838°
Long 86.573588°
20/05/22 10:34 AM



Pattamundai, Odisha, India
HHGF+276, Pattamundai, Odisha 754215, India
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STUDENT SEMINAR BY SOCIOLOGY DEPARTMENT



EXTRA CLASSES BY DEPARTMENT OF ECONOMICS



REMEDIAL CLASS BY ODIA DEPARTMENT



REMEDIAL CLASS BY POL.SC DEPARTMENT



G.K COMPETITION AMONG STUDENTS





PRACTICAL CLASSES

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

+3 1st YEAR ARTS (1st SEMESTER)

CORE-1

INTRODUCTORY MICRO ECONOMICS

GROUP-A

Each question carries one mark.

1. Economics is derived from ____ word.
2. ____ is the basic economic unit.
3. Economics is a _____ science.
4. Alfred Marshall gave the _____ definition of economics.
5. Who is the father of economics?
6. The book written by Adam Smith is _____.
7. A theory consists of _____.
8. _____ is an economic mode of presenting a theory.
9. Economic model consist of a set of _____.
10. Ceteris paribus is simply known as _____.
11. What is a theory?
12. What is an assumption?
13. Circular representation of data can be shown in _____.
14. _____ is an arrangement of data in chronological order.
15. Price of a good and its quantity demanded are _____ related.
16. The graphical illustration of demand schedule is called _____.
17. Demand curve is _____ sloped.
18. In law of demand Giffen goods are treated as _____ goods.
19. Pen and ink are considered to be _____ goods.

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

20. The movement along the demand curve causing reduction in demand is called _____.
21. If the demand curve shifts to right, the quantity demanded _____ at any given price.
22. The law of supply shows _____ relationship between price and quantity supplied.
23. The price at which demand for and supply of goods is equal, is called _____.
24. What causes the shift of demand curve to the right?
25. What happens to demand for a good if its demand curve shifts to the left?
26. The measure of responsiveness of quantity demand to change in price is called _____.
27. The value of perfectly elasticity of demand is _____.
28. The value of perfectly inelastic demand is _____.
29. If the total expenditure spent on goods increases with fall in price, the demand is said to be _____.
30. What is shape of perfectly elastic demand?
31. What happens to total expenditure spent on a good if the elasticity of demand for that good is unit elastic?
32. Consumer surplus is closely related to the _____ curve for a product.
33. The difference between the amounts a buyer is willing to pay for a good and amount actually paid is called _____.
34. The consumer surplus _____ with lower prices.
35. The producer surplus is closely related to _____ curve.
36. What happens to producer surplus if the price of the product rises?
37. Budget constraint is applicable to _____ numbers of goods.

QUESTION BANK

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38. The shape of budget line is _____.
39. _____ And _____ are given for the construction of a budget constraint.
40. The consumer purchases the combination that lies _____ the budget line.
41. If the income of the consumer increases, the budget line _____.
42. The normal shape of income consumption curve is _____.
43. The shape of the indifference curve for perfect substitute is _____.
44. The shape of the indifference curve in case of perfect complementary goods is _____.
45. Why does price line shift to the right.
46. The shape of total fixed cost curve is _____.
47. The average cost curve is _____ shape.
48. When MC is greater than AC, the AC will _____.
49. MC equals to AC at _____ of the average cost curve.
50. Which curve is called envelop curve?
51. What is the shape of MC?
52. A firm attains equilibrium when _____.
53. When average cost is less than average revenue _____ profit is earned.
54. The shape of average revenue is _____ in perfectly competitive market.
55. In the long run _____ profit is earned.
56. Equilibrium is a state of _____.
57. The value of marginal product _____ with increase in employment of labour.
58. The value of marginal product _____ with increase in employment of labour.

QUESTION BANK

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59. Marginal revenue product = marginal physical product* _____.

60. Higher price _____ the producer surplus.

GROUP-B

Each question carries two marks

Short answer type questions within two to three sentences.

1. What is opportunity cost?
2. What is theory?
3. What is a law?
4. What is production possibility frontier?
5. What is micro economics?
6. What is positive economics?
7. What do you mean by normative science?
8. Why does demand curve shift left or right?
9. What does the slope of demand curve shows us?
10. What is graph?
11. What is the relationship between price and quantity demand?
12. How can you derive market demand curve from individual demand curve?
13. What is market in economics?
14. What is stable equilibrium?
15. What is partial equilibrium?
16. What is supply price?
17. What do you mean by demand?
18. Define elasticity of demand?
19. What elasticity of demand?
20. What does unit elasticity of demand refer to?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

21. Describe arc elasticity of demand?
22. Define cross elasticity of demand?
23. What is elasticity of supply?
24. What is consumer surplus?
25. What is producer surplus?
26. How is consumer surplus measured?
27. What is budget constraint?
28. Why does the budget line slope downward?
29. What do you mean by trade-off?
30. Why does a budget line shift?
31. What is income effect?
32. What is price consumption curve?
33. What is substitution effect?
34. What does the indifference curve show?
35. What is cost function?
36. What is short run?
37. Distinguish between short-run and long-run?
38. Distinguish between fixed factor and variable factor?
39. What is the relation between average cost and marginal cost?
40. What is social cost?
41. What do you mean by accounting cost?
42. What do you mean by real cost?
43. What is implicit cost?
44. Define marginal cost?
45. What is market period?
46. What is normal profit?
47. Define perfect competition?
48. What do you mean by homogeneous goods?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

49. What is marginal physical product?

50. What is equilibrium wage rate?

GROUP-C

Each question carries three marks.

1. Write a short note on how people make decision.
2. Write a short note on the scientific method.
3. Write a short note on economist as scientist.
4. Write a short note on observation.
5. Write a short note on role of assumptions.
6. Write a short note on Economic model.
7. Write a short note on why economists disagree.
8. Write a short note on uses of graphs in economics.
9. How can you derive market demand curve from individual demand curve?
10. How is consumer surplus measured?
11. What is producer surplus?
12. What are the types of income elasticity of demand?
13. What is cross elasticity?
14. Distinguish between relatively elastic and relatively inelastic demand?
- 15.
16. Distinguished between short-run and long-run?
17. State the properties of Indifference curve?
18. State two extreme example of indifference curves with diagrams?
19. What is price effect?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

20. What is income effect?
21. Distinguished between fixed factor and variable factor?
22. What is the relation between average cost and marginal cost?
23. What is the use of mathematics in economics?
24. Distinguish between contraction of demand and decrease in demand?
25. Why does supply curve shift to the right?
26. What is substitution effect?
27. Distinguish between perfectly elastic and perfectly inelastic demand?
28. What is producer surplus?
29. How is consumer surplus measured through demand curve?
30. How is consumer surplus measured?
31. What is budget constraint?
32. Why does the budget line slope downward?
33. What do you mean by trade-off?
34. Why does a budget line shift?
35. What is deadweight loss?
36. Why does indifference curve slope downward from left to right?
37. What is price effect?
38. What is the effect of change in prices of two goods on budget line?
39. What is marginal rate of substitution?
40. What is an inferior good?
41. What do mean by Giffen's good?
42. Distinguish between budget line and budget constraint?
43. Distinguish between fixed cost and variable cost?
44. Why does average cost take the shape of U shape?
45. State the relation ship between average cost and marginal cost?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

46. Distinguish between fixed and variable cost?
47. What is shutdown point?
48. Show the short run marginal cost curve of a competitive firm?
49. What is the condition for long run equilibrium under perfect competition?
50. What do you mean by external economies?
51. What are the factors responsible for shift in the labour supply curve?
52. What are the factors responsible for shift in the labour demand curve?
53. Why the labour supply curve is backward bending?
54. What do you mean by marginal productivity?

GROUP-D

Each question carries 7 marks

1. How do people make decisions? Describe four principles on decision-making made by the people.
2. Describe the subject matter of economics in detail.
3. What is assumption? What is its role in economic theory?
4. What is demand? What are the factors influencing demand?
5. Why does demand curve slope downward?
6. What is price elasticity of demand? What are the factors influencing elasticity of demand?
7. How can the elasticity of demand be measured by arc elasticity measure?
8. What is consumer surplus? How can it be measured?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

9. What is producer surplus? How can it be measured?
10. Describe the application of consumer surplus and producer surplus on the efficiency of the cost of a tax?
11. What do you mean by indifference curve? Describe its properties?
12. Describe the consumer's equilibrium through indifference curve?
13. Describe the Slutsky's method of substitution effect.
14. What is income effect? Discuss nature and properties for normal and inferior goods.
15. How can you describe work-leisure relationship through indifference curve?
16. Show that price effect is the combination of income effect and substitution effect?
17. Why long run average cost curve is U shaped?
18. Make an analysis of worker choice between leisure and money income.
19. Describe the Neo-classical version of marginal productivity theory.
20. Show the shut down point of the firm. Explain why firms shut down?



+3 1st YEAR ARTS (1st SEMESTER)

CORE-2

MATHEMATICAL METHODS FOR ECONOMICS-I

GROUP-A

Fill in the blanks. (Each question carries one mark)

QUESTION BANK

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1. A null set is denoted by_____.
2. A void set is denoted by_____.
3. $A \cup B = B$ _____ A .
4. If $A \subset B$, then $A \cap B =$ _____.
5. If $A \subset B$, then $A \cup B =$ _____.
6. $A \cup U =$ _____.
7. _____ is regarded as the father of set theory.
8. The Venn diagram was introduced by_____.
9. Relation sets are obtained from_____.
10. $Y = x + 5$ is a_____ function.
11. $Y = x^a$ is a _____ function.
12. $Y = 3x^2 + 2x + 4$ is a_____ function.
13. A function is said to be_____ function when two or more elements of its domain are related to one elements of its codomain.
14. A function is said to be_____ function when no elements of its codomain is related with more than one element of its domain.
15. A function is said to be_____ function when all the elements of its domain are associated with a single element of its codomain.
16. A function that is obtained by interchanging the order pairs of a one-one onto function is called an inverse function.
17. A function that is directly expressed in terms of independent variable is called _____ function.
18. A function in which each elements of its domain corresponds to itself is called _____ function.
19. $\lim_{x \rightarrow \infty} \frac{1}{x} =$ _____.
20. $\lim_{x \rightarrow 0} e^x =$ _____.
21. Differentiation of a constant function is_____.

QUESTION BANK

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22. Differential coefficient of $e^x =$ _____.
23. Differential coefficient of $a^x =$ _____.
24. Differential coefficient of $\log e^x =$ _____.
25. Differential coefficient of $x^4 + 4x =$ _____.
26. If total cost is $C = x^2 - 5x^2 + 31x$, then marginal cost will be_____.
27. If total cost is $C = x^3 - 2x^2 + 43x$, then average cost will be_____.
28. The first order partial derivatives of the function $2x^2 + 5xy - y^3$ w.r.t X is_____.
29. The first order partial derivatives of the function $2x^2 + 5xy - y^3$ w.r.t Y is_____.
30. In case of substitute commodity, the value of cross elasticity of demand will be_____.
31. In case of complementary commodity, the value of cross elasticity of demand will be_____.
32. A matrix consists of one element only is called _____ matrix.
33. A matrix that appears with equal number of rows and columns is called_____ matrix.
34. A diagonal matrix in which all the leading diagonal elements are equal is called_____ matrix.
35. A square matrix in which all the leading diagonal elements are unity and all other elements are zeroes is called a_____ matrix.
36. If $AXA' = I$, then A is _____ matrix.
37. _____ is a numerical value or expression associated with a square matrix.

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

38. The determinant of a matrix is same as the determinant of its _____.
39. If any row or column of the determinant consist of zeroes only the value of the determinant becomes _____.
40. If any two row or column of the determinant are identical then the value of the determinant becomes _____.
41. A square matrix with a non-zero matrix is called _____ matrix.
42. A square matrix A is said to be _____ if $|A|=0$.
43. Determinant of the matrix $\begin{bmatrix} 8 & 5 \\ 1 & 6 \end{bmatrix}$ is _____.
44. Rank of the matrix $\begin{bmatrix} 6 & 9 \\ 2 & 3 \end{bmatrix}$ is _____.
45. $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ is an example of _____ matrix.
46. _____ is the M_{21} of $\begin{bmatrix} 9 & 8 \\ 12 & 5 \end{bmatrix}$.
47. C_{12} of $\begin{bmatrix} -5 & -8 \\ -4 & -12 \end{bmatrix}$ is _____.
48. The matrix A is idempotent if: $A \times A =$ _____.
49. An adjoint matrix is the of the cofactor matrix

GROUP-B

Each question carries 2 marks

1. What do you mean by cardinality of a set?
2. What is void set?
3. What is valid set?
4. What is finite set?
5. What is infinite set?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

6. What is singleton set?
7. What is multitone set?
8. What is equal set?
9. What is equivalent set?
10. What is disjoint set?
11. Set of all colleges of Odisha, explain this set by descriptive method?
12. Set of odd numbers between 5 and 50, explain this set by descriptive method?
13. Set of even numbers between 1 and 45, explain this set by descriptive method?
14. Set of natural numbers between 1 and 100, explain this set by descriptive method?
15. By using suitable example prove that $A - (B \cup C) = (A - B) \cap (A - C)$
16. By using suitable example prove that $A - (B \cap C) = (A - B) \cup (A - C)$
17. What is reflexive relation?
18. What is symmetric relation?
19. What is order relation?
20. What is binary relation?
21. What is inverse relation?
22. Represent the function $f(x) = 3 + 2x$ by means of the appropriate graph?
23. Represent the function $f(x) = x^2 + 5$ by means of the appropriate graph?
24. Represent the function $f(x) = \frac{3+2x}{2}$ by means of the appropriate graph?
25. Find inverse of the function $f(x) = 3x - 1$
26. Find inverse of the function $y = 5x^3$
27. What is function?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

28. What is image?
29. What is pre-image?
30. Write short note on Radix?
31. Write short note on Normalisation?
32. Write short note on fractional number?
33. Write short note on mixed number?
34. Write short note on floating point representation?
35. Convert the binary no. $(111)_2$ into decimal equivalent?
36. Convert the binary no. $(1101)_2$ into decimal equivalent?
37. Convert 54 into its binary equivalent?
38. Convert 5455 into its binary equivalent?
39. Convert 550 into its binary equivalent?
40. Convert 3565 into its binary equivalent?
41. What is onto function?
42. What is into function?
43. What is one one function?
44. What is many one function?
45. What is constant function?
46. What is discontinuous function?
47. What is even function?
48. What is odd function?
49. What is composite function?
50. What is exponential function?
51. What is polynomial function?
52. What is rational function?
53. What is irrational function?
54. What is monotonic function?
55. What is parametric function?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

56. Define limit of a function?

57. Evaluate $\lim_{x \rightarrow 2} \frac{x^2 - 5x + 6}{x^2 - 4}$

58. Define continuity of a function?

59. Find if the function $\frac{x^2 - 9}{x - 3}$ is discontinuous at $x = 3$

60. What is differential coefficient?

61. What is differentiation?

62. State the product rule of differentiation?

63. State the quotient rule of differentiation?

64. State the chain rule of differentiation?

65. Find the differential coefficients of $\frac{1}{x^3}$ with respect to x ?

66. Find the differential coefficients of $\frac{1}{\sqrt{x}}$ with respect to x ?

67. Find the differential coefficients of $\log_5 x$ with respect to x ?

68. Find the differential coefficients of e^{-x} with respect to x ?

69. Find the differential coefficients of $x^3 e^x$ with respect to x ?

70. Find the differential coefficients of $2x + 3^2$ with respect to x ?

71. Find the differential coefficients of $\frac{1}{\log_x 7}$ with respect to x ?

72. Find average and marginal cost from the total cost function $C = x^2 - 5x^2 + 31x$

73. What is homogeneous function?

74. Find the first order partial derivatives of the function $2x^2 + 5xy - y^3$.

75. Find the first order partial derivatives of the function $\log(x^2 + y^2)$

76. Find the first order partial derivatives of the function $\frac{x^2 + y^2}{x^2 + y}$

77. Find the first order partial derivatives of the function $(5x + 4y)^3$

78. Find the first order partial derivatives of the function \sqrt{xy}

79. Find the first order partial derivatives of the function e^{x^y}

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

80. Find the four second order partial derivatives of the function $f(x,y) = 2x^2y^3$
81. Find the four second order partial derivatives of the function $f(x,y) = 2x^3 - 5xy + y^3$
82. Find the partial elasticities $Z = x^2e^y$
83. Determine the price elasticity of demand for the function $x = 32 - 4p - p^2$ where $p=3$.
84. Determine the price elasticity of demand for the function $p = \frac{k}{x}$ where $k > 0$.
85. What is null matrix?
86. What is singleton matrix?
87. What is scalar matrix?
88. What is identity matrix?
89. What is triangular matrix?
90. What is diagonal matrix?
91. What is minor?
92. What is cofactor?
93. What is orthogonal matrix?
94. What is symmetric matrix?
95. What is singular matrix?
96. What is non-singular matrix?
97. Define determinant of a matrix?
98. State any three properties of determinant?
99. What is rank of a matrix?
100. Find determinant of $A = \begin{bmatrix} 12 & -6 \\ 7 & 9 \end{bmatrix}$

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

GROUP-C

Each question carries 3 marks

1. What is subset?
2. What is super set?
3. What is proper set?
4. What is power set?
5. What is Universal set?
6. What is complementary set?
7. What is overlapping set?
8. What is cartesian set?
9. What is proper subset?
10. By using suitable example prove that $A - (A - B) = A \cap B$
11. By using suitable example prove that $A' - B' = B - A$
12. By using suitable example prove that $A \cap (B - C) = (A \cap B) - (A \cap C)$
13. By using suitable example prove that $(A - B) \cup (B - A) = (A \cup B) - (A \cap B)$
14. What is anti-symmetric relation?
15. What is transitive relation?
16. What is equivalence relation?
17. Represent the function $f(x) = x^2 + 5$ by means of the appropriate graph?
18. Represent the function $f(x) = \frac{3+2x}{2}$ by means of the appropriate graph?
19. Find inverse of the function $f(x) = 3x - 1$
20. Find inverse of the function $y = 5x^3$
21. Define domain of a function?
22. Define co-domain of a function?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

23. Define range of a function?
24. Convert the binary no. $(10111)_2$ into decimal equivalent?
25. Convert the binary no. $(101010)_2$ into decimal equivalent?
26. What is inverse function?
27. What is explicit function?
28. What is implicit function?
29. What is continuous function?
30. Evaluate $\lim_{x \rightarrow 1} \frac{x^4 - 81}{x - 3}$
31. Evaluate $\lim_{x \rightarrow \infty} \frac{x - 2}{x + 1}$
32. Find if the function $\frac{x^2 - 9}{x - 3}$ is discontinuous at $x = 3$
33. Find if the function $\frac{x^2 - 4}{x - 2}$ is continuous at $x = 2$
34. Show that $f(x) = (x^2 + 3x + 4)$ is continuous at $x = 1$
35. State the chain rule of differentiation?
36. Find the differential coefficients of e^{ax+b} with respect to x ?
37. Find the differential coefficients of $e^x \log x$ with respect to x ?
38. Find the differential coefficients of $\frac{x^3}{x^3 + 2}$ with respect to x ?
39. Find the differential coefficients of $x \cdot e^x$ with respect to x ?
40. Find the differential coefficients of $\frac{13}{1 - 5x}$ with respect to x ?
41. Find the differential coefficients of $(5 - 2x)^6$ with respect to x ?
42. Find the differential coefficients of $\sqrt{5 - 2x}$ with respect to x ?
43. Find the differential coefficients of 2^{x^3} with respect to x ?
44. Find the differential coefficients of 3^{e^x} with respect to x ?
45. Find the differential coefficients of x^x with respect to x ?
46. Find the differential coefficients of x^{e^x} with respect to x ?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

47. Determine the price elasticity of demand for the function $x = 32 - 4p - p^2$ where $p=3$.

48. Determine the price elasticity of demand for the function $p = \frac{k}{x}$ where $k > 0$.

49. Determine the price elasticity of demand for the function $x = \frac{27}{p^3}$.

50. Determine the price elasticity of demand for the function $p = \frac{10}{(x+1)^2}$.

51. Find average and marginal cost from the total cost function $C = x^3 - 3x^2 + 15x$.

52. Find the four second order partial derivatives of the function $f(x,y) = 2x^3 - 5xy + y^3$

53. Find the four second order partial derivatives of the function $f(x,y) = \log(x^2y^3)$

54. Find the four second order partial derivatives of the function $f(x,y) = xe^{xy} - y^2$

55. What is scalar matrix?

56. What is identity matrix?

57. What is singular matrix?

58. State any three properties of determinant?

59. What is rank of a matrix?

60. Find inverse of the matrix $\begin{bmatrix} 3 & 4 \\ 1 & 2 \end{bmatrix}$

61. Find the product of BA where, $A = \begin{bmatrix} -2 & 1 & 3 \\ 2 & -4 & 5 \end{bmatrix}$ $B = \begin{bmatrix} 3 & 1 \\ 0 & -1 \\ 2 & 4 \end{bmatrix}$

62. Find adjoint of the matrix $\begin{bmatrix} 2 & 5 \\ 1 & 3 \end{bmatrix}$

63. Solve the following linear equations by the method of matrix $3x + 11y = 7$
and $6x + 22y = 5$.

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

64. Determine rank of the following matrix $A = \begin{bmatrix} 3 & 2 & 1 \\ 0 & 4 & 5 \\ 3 & 6 & 6 \end{bmatrix}$

65. Solve the following linear equations by using Cramer's rule $4x+3y=8$ and $6x+7y=17$.

GROUP-D

Each question carries 7 marks

1. If A and B are two sets then Prove that $(A \cup B) = (B \cup A)$
2. If A, B and C are three sets then Prove that $(A \cup B) \cup C = A \cup (B \cup C)$
3. If A, B and C are three sets then Prove that $(A \cap B) \cap C = A \cap (B \cap C)$
4. If A and B are two sets then Prove that $(A \cap B) = (B \cap A)$
5. If A, B and C are three sets then Prove that $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$
6. If A, B and C are three sets then Prove that $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$
7. If A and B are two sets then Prove that $(A \cup B)' = A' \cap B'$ (De Morgan's law-I)
8. If A and B are two sets then Prove that $(A \cap B)' = A' \cup B'$ (De Morgan's law-II)
9. If A, B and C are three sets then Prove that $A - (B \cap C) = (A - B) \cup (A - C)$
10. Write down the limit theorems involving two functions?
11. Find the domain and range of the functions (I) $Y = \frac{1}{X}$ (II) $Y = \sqrt{4 - X}$,
 $Y \geq 0$ (III) $Y = \frac{1}{X-1}$

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

12. Prove that $Y = 7X^6 + 3X^4 - 2X^2 + 4$ IS an even function.
13. A Publishing house finds that the cost of production directly attributed to each book is Rs.30 and that the fixed cost are Rs.15000. If each book can be sold for Rs.45, then determine ;(I) the cost function (II) the revenue function (III) the profit function (IV) the break even point.
14. Prove that $\lim_{x \rightarrow a} \frac{x^n - a^n}{x - a} = na^{n-1}$ where $a > 0$
15. Prove that $\lim_{x \rightarrow 0} e^x = 1$
16. Evaluate $\lim_{x \rightarrow 0} \frac{5x^3 - 6}{\sqrt{9 + 4x^2}}$
17. Determine whether the function is continuous or not at $X=2$, $f(X) = x^2 - 4x + 3$
18. Show that the $f(x) = 3x^2 = 4x - 5$ is continuous at $x=3$. Also prove that $f(x)$ is continuous for all value of X .
19. Find the differential coefficient of the following functions (I) $(x^2 + 5)^{3/2}$ (II) $\log[(5-2x)(5+3x)]$.
20. Find the derivative of the following functions; (I) x^{x^2}
(II) $(\log x)^x$
21. Determine the fourth order derivative of the function $y = \log \sqrt{3x + 4}$
22. Determine the price elasticity of demand for the function, $x = 32 - 4p - p^2$ where $p=3$.
23. Determine the price elasticity of demand for the function $x = \frac{27}{p^3}$ where x is the demand for goods at p price.
24. Determine the price elasticity of demand in terms of x for the function $p = \frac{10}{(x+1)^2}$
25. A firm with linear demand function can sell 1000 units when the price is Rs.4 per unit, and 1500 units when the price is Rs2 per unit/ On the given

QUESTION BANK

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premises determine (I) the demand function (II) the total revenue function (III) the average revenue function and (IV) the marginal revenue function.

26. Explain the relationship between average cost and marginal cost by using derivative?

27. Examine the average and marginal cost relations when the total variable cost is $C = x^3 - 3x^2 + 15x$.

28. Show that the elasticity of dem, and is equal to $\frac{AR}{AR-MR}$ under the linear demand law $p = a + bx$

29. Verify Euler's theorem when $z = x^2 + y^2$

30. Verify Euler's theorem when $z = \frac{x^3+y^3}{xy}$

31. The demand function for the two commodities are given as $x_1 = \frac{-p_1}{p_2}$ and $x_2 = \frac{p_1^2}{p_2}$, where p_1 and p_2 are prices and x_1 and x_2 denotes the quantities of the two commodities respectively. Shows that the two commodities are substitute of one another.

32. If $A = \begin{bmatrix} 2 & 1 & 3 \\ 4 & 1 & 0 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & -1 \\ 0 & 2 \\ 5 & 0 \end{bmatrix}$ verify that $(AB)' = B'A'$

33. What is determinant? Explain the properties of determinant.

34. Prove that $\begin{vmatrix} x+a & b & c \\ c & x+b & a \\ a & b & x+c \end{vmatrix} = 0$

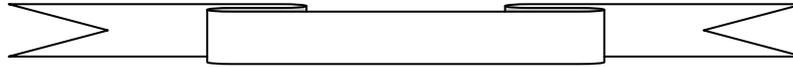
35. Solve the following system of equations by using Cramer's rule $3x - 4y + 5z = -6$, $X + Y - 2Z = -1$, $2X + 3Y + Z = 5$

36. Find inverse of the matrix $A = \begin{bmatrix} 1 & 2 & 3 \\ 1 & 3 & 5 \\ 1 & 5 & 12 \end{bmatrix}$

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37. Solve the following equation by matrix method $X+Y+2Z=4$, $2X-Y+3Z=9$, $3X-Y-Z=2$



+3 1ST YEAR ARTS (2ND SEMESTER)

CORE-3

INTRODUCTORY MACRO ECONOMICS

GROUP-A

Each question Carries 1 mark

1. _____ had classified economics into two branches such as micro economics and macroeconomics.
2. _____ theory is that part of economics which studies the overall average and aggregates of the system.
3. _____ deals with the functioning of the economy as a whole.
4. The famous book 'General theory of Employment, Interest and Money' was written by _____.
5. The famous book 'General theory of Employment, Interest and Money' was published in the year _____.
6. The say's law of market state that _____ creates its own demand.
7. _____ is the combination of inflation and unemployment.
8. A _____ is a quantity measured at a particular point of time.
9. A _____ is a quantity measured over a specified period of time.

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10. _____ refers to that position in which all units of an economy are in equilibrium.
11. _____ refers to that position of equilibrium which is concerned with the equilibrium of a single economic unit.
12. Net indirect tax = Indirect tax - _____.
13. Market price = Factor cost + Indirect tax - _____.
14. GNP = GDP + _____.
15. NNP at market price = GDP at market price - _____
+ _____.
16. NNP at factor cost is also known as _____.
17. Personal income = _____ - corporate saving – corporate tax.
18. Disposable personal income = Personal income - _____.
19. _____ method is also known as value added method.
20. National income identity in a two-sector economy requires Investment must be equal to _____.
21. National income identity in a three-sector economy requires Investment plus Government expenditure must be equal to _____.
22. National income identity in a four-sector economy requires $I+G+(X-M)$ = _____.
23. A _____ is an outflow or withdrawal of income from the circular flow.
24. According to _____ money is what money does.
25. The paper notes and coins are called _____.
26. _____ assets is an assets that can be easily exchanged for goods and services.
27. The direct exchange of economic goods for one another is called _____.

QUESTION BANK

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28. When money takes the form of a commodity with intrinsic value it is called _____.
29. _____ is money that cannot be redeemed for anything other than that a replica of itself.
30. Time deposits, Bill of exchange, Treasury bills etc are example of _____ money.
31. Debit cards, Credit cards are example of _____ money.
32. _____ are those coins whose face value is more than intrinsic value.
33. The book ‘Purchasing power of money’ was written by _____.
34. The transaction approach of quantity theory money was put forward by _____.
35. The modern quantity theory money was given by _____.
36. The liquidity theory of money was given by _____.
37. According to Keynes the transaction demand for money is a function of _____.
38. The speculative demand for money is a function of _____.
39. At a low rate of interest demand for money become perfectly elastic, this situation is called _____.
40. Currency with the public + Bank reserve = _____.
41. _____ is the ratio of change of money supply to the change in High powered money.
42. There is a _____ relation between value of money and price level.
43. A persistent and appreciable rise in general price level is called _____.
44. According to _____ “ Inflation is unjust, deflation is inexpedient, of the two perhaps deflation is worse”.

QUESTION BANK

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45. _____ represent inverse relationship between rate of unemployment and rate of changes in wage rate.
46. The shape of long run phillips curve is _____.
47. _____ implies absence of involuntary unemployment.
48. The principle of effective demand was given by _____.
49. _____ is the logical starting point of keynesian theory of employment.
50. _____ is determined at the level where aggregate demand is equal to aggregate supply
51. The ratio of consumption to income is called _____.
52. The ratio of change in consumption to change in income is called _____.
53. $APC + APS =$ _____.
54. $MPC + MPS =$ _____.
55. If MPC is 0.75, value of the multiplier will be _____.
56. The psychological law of consumption was given by _____.
57. Induce investment is a function of _____.
58. The concept of multiplier was first developed by _____.
59. Employment multiplier was given by _____.
60. Investment multiplier was given by _____.

GROUP-B

Each question carries 2 marks.

1. What is economic static?
2. Define comparative static.
3. Define stock.
4. Define equilibrium.

QUESTION BANK

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5. What is partial equilibrium?
6. What is GNP?
7. Define NDP at factor cost.
8. What is private income?
9. Define money.
10. Define near money.
11. What Fisher's equation?
12. Give Cambridge equation.
13. What do you mean by value of money?
14. Define inflation.
15. What is hyper inflation?
16. What is suppressed inflation?
17. What is full employment?
18. What is MPC?
19. What is MPS?
20. What is APC?
21. What is Multiplier?
22. What do you mean by induced investment?
23. What is aggregate demand?
24. What is forward multiplier?
25. What is marginal propensity to save?
26. What is investment demand schedule?
27. What is token money?
28. What is say's law?
29. What is budget?
30. What is unbalance budget?
31. What is consumption function?
32. What do you mean by financial investment?

QUESTION BANK

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33. What do you mean by autonomous investment?
34. What do you mean by net investment?
35. Define value addition.
36. What is meant by problem of double counting?
37. Write any two conceptual difficulties faced in the estimation of national income.
38. What is green accounting?
39. Why saving treated as leakage in a circular flow model?
40. Mention any two characteristics of money.
41. What is primary function of money?
42. Define cost push inflation.
43. What is meant by demand pull inflation?
44. What is the meaning of laissez-faire policy?
45. Explain voluntary unemployment.
46. What do you mean by ex-ante saving?
47. What do you mean by ex-post saving?
48. What is aggregate supply?
49. What do you mean by effective demand?
50. What do you mean by real investment?

GROUP-C

Each question carries three marks

1. Explain the scope of macroeconomics?
2. What are the limitations of macroeconomics?
3. Distinguish between micro and macroeconomics.
4. Define economic dynamics.

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

5. Define the concept of flow.
6. What is general equilibrium?
7. Define GDP at market price.
8. What is meant by net national product at factor cost?
9. What is personal income?
10. Distinguish between GDP and GNP.
11. Define intermediate goods.
12. What is meant by problem of double counting?
13. Write three conceptual difficulties faced in the estimation of national income.
14. What is green accounting?
15. Why saving treated as leakage in a circular flow model?
16. Mention main characteristics of money.
17. What is primary function of money?
18. What is secondary function of money?
19. What is contingency function of money?
20. Define outside money.
21. Define inside money.
22. Define fiat money.
23. What is limited legal tender money?
24. Define full-bodied money.
25. What is velocity of money?
26. What is an Index Number?
27. Define wholesale price index.
28. Define consumer price index.
29. Define cost of living index
30. Mention the characteristics of index number.
31. What is meant by simple index number?

QUESTION BANK

DEPARTMENT OF ECONOMICS, PATTAMUNDAI COLLEGE, PATTAMUNDAI

32. Define wage induced inflation.
33. What is profit push inflation?
34. What are the measures to control inflation?
35. Define demonetisation.
36. What do you mean by stagflation?
37. What is inflationary gap?
38. Define cost push inflation.
39. What is meant by demand pull inflation?
40. What is the meaning of laissez-faire policy?
41. Explain voluntary unemployment.
42. What do you mean by ex-ante saving?
43. What do you mean by ex-post saving?
44. What is aggregate supply?
45. What do you mean by effective demand?
46. What do you mean by real investment?
47. What is the difference between induced and autonomous investment?
48. What is difference between ex-ante saving and ex-post saving?
49. What is dynamic multiplier?
50. Distinguish between expansionary and contractionary fiscal policy.

GROUP-D

Each question carries 7 marks

1. What do you mean by macroeconomics? Discuss the importance and limitation of macroeconomics.

QUESTION BANK

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2. Distinguish between micro and macroeconomics. Discuss the salient features and limitation of macroeconomics.
3. Define macroeconomics. Explain the scope and limitations of macroeconomics.
4. What is meant by economic static, comparative static and economic dynamics?
5. What do you mean by concept of equilibrium? Explain its significance in economic analysis.
6. Explain briefly the main concepts of national income. State their interrelationship with each other.
7. Explain concept of domestic product. Distinguish between gross domestic product and gross national product.
8. What do you mean by national income? What are the various conceptual and statistical problems faced while estimating national income?
9. Define gross national product. Discuss the product and income method of calculating gross national product. Would the estimate be equal by either method?
10. Explain the interrelationship between products or value added, income generation and expenditure method of national income accounting.
11. Explain in brief the product method of measurement of national income. Mention the difficulties involved in the use of product method of measurement of national income.
12. Explain in brief the methods of measurement of national income. What are the difficulties in the measurement of national income?
13. Explain diagrammatically the circular flow of income and product in two sector model.
14. Explain the circular flow of income in a three sector economy with the help of a diagram.

QUESTION BANK

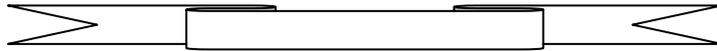
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15. Explain circular flow of income in four sector model.
16. Distinguish between real flows and money flows. Explain and illustrate with the help of a diagram.
17. What is meant by better system of exchange? Explain its merits and demerits.
18. Money is what money does. " critically examine the statement .
19. What is money? Critically examine the statement.
20. Critically examine Fishers equation of quantity theory of money.
21. Critically examine Cambridge equation of quantity theory of money.
22. Explain Keynes fundamental equation of money and prices.
23. Would you consider cash balance approach to the value of money as superior to transaction theory? Explain.
24. What is an Index Number? What are its uses? Discuss the problems of constructing an index number.
25. Analyse the process of measuring the value of money and discuss its limitations.
26. Define inflation. What are the causes of inflation? Suggest measures to correct it.
27. Critically examine the effects of inflation on economic development.
28. Define stagflation. Suggest various measures to combat it.
29. Explain Keynesian theory of inflation. Discuss the concept of inflationary gap.
30. Explain Phillips inflation-unemployment trade off.
31. Critically examine the classical theory of employment.
32. "The full employment is a normal feature of capitalistic economy." Critically examine the statement.
33. "Supply creates its own demand." Explain the statement critically.
34. Explain the Keynesian theory of income and employment.

QUESTION BANK

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35. Explain meaning of the term propensity to consume. What are the main features or characteristics of consumption function?
36. What is marginal propensity to consume? What are its determinants?
37. State and explain Keynes psychological law of consumption along with its importance in the determination of income and employment in the economy.
38. What is meant by investment? Analyse the factors which govern the inducement to invest.
39. Discuss the significance of marginal efficiency of capital and rate of interest as determinants of investment.
40. Explain and illustrate the concept of multiplier. What is the importance of multiplier in economic analysis and economic policy?



+3 1ST YEAR ARTS (2ND SEMESTER)

CORE-4

MATHEMATICAL METHODS FOR ECONOMICS-II

GROUP-A

Each question carries 1 mark

1. The input output model was developed by_____.
2. _____ Shows the numbers of units any industry's output needed to produce one unit of another industry's output.
3. The input coefficient matrix is also called_____ matrix.

QUESTION BANK

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4. _____ Condition used to test the feasibility of an input output model.
5. In case of input output model the $[I-A]$ matrix is known as _____.
6. For the feasibility of input output model, the determinant of $[I-A]$ matrix must be _____.
7. For the feasibility of input output model, the diagonal elements of $[I-A]$ matrix must be _____.
8. In _____ model the entire production is consumed internally.
9. In _____ model there is absence of final demand sector.
10. The second order derivative of $y = 4x^2$ is _____.
11. The second order derivative of $y = \frac{1}{3x^2}$ is _____.
12. The second order derivative of $y = 5x^3 + 3x^2 + 34$ is _____.
13. The second order derivative of $y = e^{2x}$ _____.
14. If the 1st order derivative is greater than zero, then the function is called _____ function.
15. If the 1st order derivative is less than zero, then the function is called _____ function.
16. A function is _____ at $x=a$ if in an area very close to $[a.f(a)]$ the graph of the function lies completely above its tangent line.
17. A function is _____ at $x=a$ if in an area very close to $[a.f(a)]$ the graph of the function lies completely below its tangent line.
18. A positive second order derivative at $x=a$ denotes the function is _____ at a .
19. A negative second order derivative at $x=a$ denotes the function is _____ at a .

QUESTION BANK

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20. A _____ is a point at which the function is either at a relative maximum or minimum.
21. _____ is a point on the graph where the function crosses its tangent line and changes from convex to concave or vice versa.
22. _____ occurs only where the second order derivative is zero.
23. At the point of inflexion value of second order derivative is _____.
24. _____ is the process of finding the relative maximum or minimum of a function.
25. The dy/dx of $2x - 3y = 6$ is _____.
26. The dy/dx of $x^2 + 2y = 23$ is _____.
27. The dy/dx of $3x^2 + 4y = 65$ is _____.
28. The total differential of $y = 4x^3 + 7x^2 - 3x + 3$ is _____.
29. The total differential of $y = 7x^2 + 4x - 45$ is _____.
30. The total differential of $y = 4x^2 3x$ is _____.
31. The total differential of $y = \frac{2x-3}{3x}$ is _____.
32. The necessary condition for maximisation is $f'(a) =$ _____.
33. The necessary condition for minimisation is $f'(a) =$ _____.
34. The sufficiency condition for maximisation is $f''(a)$ _____.
35. The sufficiency condition for minimisation is $f''(a)$ _____.
36. The critical value of the function $y = 7x^2 + 112x - 54$ is _____.
37. The critical value of the function $y = -9x^2 + 72x - 13$ is _____.
38. The critical value of the function $y = -7x^2 + 126x - 23$ is _____.

QUESTION BANK

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39. For the maximization of a multi variable function $f_{xx} \cdot f_{yy}$ must be _____.
40. For the minimization of a multi variable function $f_{xx} \cdot f_{yy}$ must be _____.
41. In case of multivariable optimization if $f_{xx} \cdot f_{yy} < (f_{xy})^2$ and f_{xx} and f_{yy} have the same signs, the function is at _____ point.
42. In case of multivariable optimization if $f_{xx} \cdot f_{yy} < (f_{xy})^2$ and f_{xx} and f_{yy} have different signs, the function is at _____ point.
43. The integral value of $\int 3.5 dx$ is _____.
44. The integral value of $\int -\frac{1}{2} dx$ is _____.
45. The integral value of $\int dx$ is _____.
46. The integral value of $\int 5x^2 dx$ is _____.
47. The integral value of $\int 8^x dx$ is _____.
48. The integral value of $\int_1^4 10x dx$ is _____.
49. Reversing the limit changes the _____ of the definite integral.
50. If the upper limit of the integration equals the lower limit of the integration, the value of the definite integral is _____.
51. If marginal revenue is $100 - 2q - 3q^2$ then total revenue will be _____.
52. If marginal revenue is $84 - 4q - q^2$ then total revenue will be _____.
53. If marginal cost is $25 + 30q - 9q^2$ then total variable cost will be _____.

QUESTION BANK

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- 54.If marginal cost is $45 + 10q - 92$ then total cost will be _____.
- 55.If all the principal minors are negative, the boarder Hessian is _____ definite.
- 56.A positive definite Hessian always satisfies the sufficient condition of a relative _____.
- 57.If the principal minors alternate consistently in sign from positive to negative, the boarder Hessian is _____ definite.
- 58.A negative definite Hessian always meets the sufficient condition for a relative _____.

GROUP-B

Each question carries 2 marks

1. Define closed input output model?
2. Define open input output model?
3. What is static input output model?
4. What is dynamic input output model?
5. What is transaction matrix?
6. What is a technological coefficient?
7. What is technological coefficient matrix?
8. What is input vector?
9. State the feasibility conditions of input output model?
- 10.Find the second order derivative of $y = 3x^4 - 2x^3 + 6x$
- 11.Find the second order derivative of $\sqrt{1 - x^2}$
- 12.Find the second order derivative of $y = \log x$
- 13.Find the second order derivative of $y = \log (x + a)$
- 14.What is increasing function?

QUESTION BANK

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15. What is decreasing function?
16. What is concavity of a function?
17. What is convexity of a function?
18. What is point of inflexion?
19. State the condition for convexity of a function?
20. State the condition for concavity of a function?
21. State the condition for point of inflexion?
22. Define total differential?
23. Find the total differential of the function $y = 7x^3 - 5x^2 + 6x - 3$
24. Find the total differential of the function $y = (4x + 3)(3x - 8)$
25. Find the total differential of the function $z = 7x^2y^3$
26. Find the total differential of the function $Z = \frac{9y^3}{x-y}$
27. Find the total differential of the function $z = (x - 3y)^3$
28. Find the total differential of the function $Z = x^2 + 2xy$
29. Find the total differential of the function $Z = x^y$
30. Find the total derivative dz/dx for $Z = 6x^2 + 15xy + 3y^2$ where $y = 7x^2$
31. Find the total derivative dz/dx for $Z = (13x - 18y)^2$ where $y = 3x - 4$
32. What is implicit function?
33. Find derivative dy/dx of the implicit function $4x^2 - y^3 = 76$
34. Find derivative dy/dx of the implicit function $24x^3 + 4y^2 = 564$
35. Find derivative dy/dx of the implicit function $7x^2y^3 = 67$
36. Find derivative dy/dx of the implicit function $x^2 + 2xy = 76$
37. What is stationary function?
38. State the condition for increasing function?
39. State the condition for decreasing function?
40. Define maxima of a function?

QUESTION BANK

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41. Define minima of a function?
42. State the condition for relative maxima?
43. State the condition for relative minima?
44. Test whether the function is increasing or decreasing or stationary at $x=4$,
 $y = 3x^2 - 14x + 5$
45. Test whether the function is increasing or decreasing or stationary at $x=4$,
 $y = x^3 - 7x^2 + 6x - 2$
46. Test whether the function is increasing or decreasing or stationary at
 $x=4, y = x^4 - 6x^3 + 4x^2 - 13$
47. Test to see if the following function is concave or convex at $x=3$,
 $y = -2x^3 + 4x^2 = 9x - 15$
48. Test to see if the following function is concave or convex at $x=3, y =$
 $(5x^2 - 8)^2$
49. Find the critical value of the function $f(x) = -7x^2 + 126x - 23$
50. Find the critical value of the function $f(x) = 3x^3 - 36x^2 + 135x - 13$
51. Find the critical value of the function $f(x) = 2x^4 - 16x^3 + 32x^2 + 5$
52. State the condition for relative maximum in case of multi variable function?
53. State the condition for relative minimum in case of multi variable function?
54. What is convex set?
55. What is convex function?
56. What is integration?
57. Determine the integral $\int 4x^3 dx$.
58. Determine the integral $\int x^{\frac{2}{3}} dx$.
59. Determine the integral $\int x^{-\frac{5}{2}} dx$.

QUESTION BANK

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60. Determine the integral $\int \frac{1}{3x} dx$.
61. Determine the integral $\int (5x^3 + 2x^2 + 3x) dx$.
62. Determine the integral by using the substitution method $\int 10x(x^2 + 3)^4 dx$.
63. Determine the integral by using the by parts method $\int \frac{2x}{(8-x)^3} dx$.
64. Evaluate the definite integral $\int_1^{10} 3x^2 dx$.
65. Evaluate the definite integral $\int_1^{64} x^{-2/3} dx$.
66. What is constraint optimization?
67. State the necessary condition for constraint maxima?
68. State the necessary condition for constraint minima?
69. What is Lagrange multiplier?
70. What is Lagrange function?
71. How to interpret Lagrange multiplier in case of constraint optimization.

GROUP-C

Each question carries 3 marks

1. State the main features of input output model?
2. State the assumptions of input output model?
3. What is input coefficient matrix?
4. What is Hawkins Simon conditions?
5. What is Leontief matrix?
6. Find the second order derivative of $y = x^3 \log x$
7. Find the second order derivative of $y = (2x + 3)^{10}$
8. Find the second order derivative of $y = x^2 + \sqrt{x}$
9. Find the total differential of the function $y = \frac{9x-4}{5x}$

QUESTION BANK

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10. Find the total differential of the function $y = (11x + 9)^3$
11. Find the total differential of the function $Z = \sqrt{x + y}$
12. Find the total differential of the function $Z = \frac{x}{x+y}$
13. Find the total derivative dz/dx for $z = \frac{9x-7y}{2x+5y}$ where $y = 3x - 4$
14. Find the total derivative dz/dx for $Z = 8x - 12y$ where $y = \frac{x+1}{x^2}$
15. Find derivative dy/dx of the implicit function $6x^2 + 15xy + 3y^2 = 363$
16. Find derivative dy/dx of the implicit function $3x^2 + 13xy + 7y^2 = 324$
17. Find derivative dy/dx of the implicit function $4x^2 + 5xy + 3y^3 = 853$
18. Find derivative dy/dx of the implicit function $x^4y^6 = 676$
19. Find the relative extrema of the function $f(x) = -7x^2 + 126x - 23$
20. Find the relative extrema of the function $f(x) = 3x^3 - 36x^2 + 135x - 13$
21. Find the relative extrema of the function $f(x) = 2x^4 - 16x^3 + 32x^2 + 5$
22. State the condition for relative maximum in case of multi variable function?
23. State the condition for relative minimum in case of multi variable function?
24. Optimize the function $y = 7x^2 + 112x - 54$
25. Optimize the function $y = -9x^2 + 72x - 13$
26. Optimize the function $y = x^3 - 6x^2 - 135x + 4$
27. Optimize the function $y = -2x^3 + 15x^2 + 84x - 25$
28. Optimize the function $y = x^4 - 8x^3 - 80x^2 + 15$
29. Optimize the function $y = -(x + 13)^4$
30. Optimize the function $y = (9 - 4x)^4$
31. Maximize the function and find the maximum value $TR = 32q - q^2$

QUESTION BANK

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32. Maximize the function and find the maximum value $\pi = -q^2 + 11q - 24$
33. Maximize the function and find the maximum value $-q^3 - 6q^2 + 1440q - 545$
34. What is convex set?
35. What is convex function?
36. Determine the integral $\int (2x^6 - 3x^4) dx$.
37. Determine the integral $\int 2^{4x} dx$.
38. Determine the integral $\int e^{5x} dx$.
39. Determine the integral by using the substitution method $\int x^4(2x^5 - 5)^4 dx$.
40. Determine the integral by using the substitution method $\int (x - 9)^{\frac{7}{4}} dx$.
41. Determine the integral by using the substitution method $\int 6x - 11)^{-5} dx$.
42. Determine the integral by using the substitution method $\int \frac{1}{9x-5} dx$.
43. Determine the integral by using the substitution method $\int 24xe^{3x^2} dx$.
44. Determine the integral by using the by parts method $\int x^2 e^{2x} dx$.
45. Determine the integral by using the by parts method $\int \frac{5x}{(x-1)^2} dx$.
46. Determine the integral by using the by parts method $\int 15x(x + 4)^{\frac{3}{2}} dx$.
47. Evaluate the definite integral $\int_0^3 4e^{2x} dx$.
48. Evaluate the definite integral $\int_0^{10} 2e^{-2x} dx$.
49. What is Border Hessian Determinant?
50. State the necessary and sufficient condition for constraint maxima?
51. State the necessary and sufficient condition for constraint minima?

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GROUP-D

Each question carries 7 marks

1. Develop an input output model for the economy which is divided into three producing industries. Also point the procedure for its solution?

2. Explain Hawkins-Siman conditions. Are these conditions satisfied for for

$$A = \begin{bmatrix} 1.2 & 0.3 \\ 0.4 & 1.8 \end{bmatrix}$$

3. A three sector economy has the following input coefficient matrix A and

the final demand vector F: $A = \begin{bmatrix} 0.3 & 0.2 & 0.2 \\ 0.2 & 0.1 & 0.5 \\ 0.2 & 0.4 & 0.2 \end{bmatrix}$ $F = \begin{bmatrix} 80 \\ 30 \\ 50 \end{bmatrix}$ Find the

gross output of each sector to meet the final demand. What would be the labour requirement for the final output of the three industries.

4. A three sector economy has the following input coefficient matrix A and

the final demand vector F: $A = \begin{bmatrix} 0.2 & 0.3 & 0.2 \\ 0.4 & 0.1 & 0.3 \\ 0.3 & 0.5 & 0.2 \end{bmatrix}$ $F = \begin{bmatrix} 150 \\ 200 \\ 210 \end{bmatrix}$ Find the

gross output of each sector to meet the final demand.

5. Analyse the assumption, uses and limitations of input output model?

6. In a closed input output model, the interrelationship between the industries of the economy and the final demand are given below:

Industries	A	B	C	Final demand
A	10	4	8	14
B	4	6	4	18
C	6	4	4	10

Calculate the output levels of the three industries consistent with the model.

7. Find the 2nd and 3rd order differential coefficients w.r.t x (i) $y = 3x^3 - 9x$ (ii) $y = x^2 \log x$

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8. Find the 2nd and 3rd order differential coefficients w.r.t x when $y = xe^{x^2}$
9. Show that $y = x^2 = 2x - 3$ is concave upward and $y = 5 - 3x - x^2$ is concave downward.
10. Prove that the curve given by $3y = x^3 - 3x^2 - 9x + 11$ has a maximum at $x = -1$ and minimum at $x = 3$ and point of inflexion at $x = 1$.
11. Maximize profit π for a firm, given total revenue $R = 4000q - 33q^2$ and total cost $C = 2q^3 - 3q^2 + 400q + 5000$, assuming $q > 0$.
12. Find derivative dy/dx of the implicit function $4x^2 + 5xy + 3y^3 = 853$ and $x^4y^6 = 676$.
13. Find the total differential of the functions $Z = \frac{9y^3}{x-y}$ and $z = (x - 3y)^3$
14. Find the relative extrema of the function $f(x) = 3x^3 - 36x^2 + 135x - 13$ and $f(x) = 2x^4 - 16x^3 + 32x^2 + 5$.
15. Optimize the function $y = x^4 - 8x^3 - 80x^2 + 15$ and $y = -(x + 13)^4$.
16. Optimize the function $y = x^3 - 6x^2 - 135x + 4$ and $y = -2x^3 + 15x^2 + 84x - 25$
17. Optimize the multi variable function $z = 3x^2 - xy + 2y^2 - 4x - 7y + 12$
18. Optimize the multi variable function $z = 48y - 3x^2 - 6xy - 2y^2 + 72x$
19. Optimize the multi variable function $f(x, y) = 3x^3 - 5y^2 - 225x + 70y + 23$
20. Optimize the multi variable function $f(x, y) = 3x^3 - 9xy + 3y^3$
21. Explain the properties of definite integral?
22. Given the demand function $p = 45 - 0.5q$, find the consumer surplus when $p = 32.5$ and $q = 25$.

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23. Given the supply function $p = (q + 3)^2$ find the producer surplus at $p=81$ and $q=6$.
24. Given the demand function $p = 25 - q^2$ and the supply function $p = 2q + 1$ assuming perfect competition find consumer and producer surplus.
25. Integrate the following definite integral by using the methods of integration by parts $\int_2^5 \frac{3x}{(x+1)^2} dx$ and $\int_1^3 \frac{4x}{(x+2)^3}$.
26. Determine the integral by using the substitution method $\int \frac{1}{9x-5} dx$.
and $\int 24xe^{3x^2} dx$.
27. What combinations of goods x and y should a firm produce to minimize costs when the joint cost function is $C = 6x^2 + 10y^2 - xy + 30$ and the firm has a production quota of $x + y = 34$. estimate the effect on cost if the production quota reduced by 1 unit.
28. What output mix should a profit maximizing firm produce when its total profit function is $\pi = 80x - 2x^2 - xy - 3y^2 + 100y$ and its maximum output capacity is $x + y = 12$.
29. Minimize cost for a firm with the cost function $C = 5x^2 + 2xy + 3y^2 + 800$ subject to the production quota $x + y = 39$.
30. Maximize utility $u = q_1q_2$ when $P_1=1$ and $P_2=4$ and budget $B=120$.
31. Optimize the CD production function $q = K^{0.3}L^{0.5}$ subject to the constraint $6K+2L=384$.
32. What is constraint optimization? Explain the process of constraint optimization by using Lagrange-Multiplier method.



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Batch - 2020-21

Sl. No	Name of the Book	Author/Editor	Roll number	Mobile Number	Name of the student	Date of return	Initial
01	Comparative Govt Political Theory	CGP-56	BA19-014	8612591065	Satyanarayan Panda	04.09.2021	S. Das
02	International Relation	IR-027	BA19-142	9668601463	Namita Padhi	04.09.2021	S. Das
03	International Relation	IR-109	BA19-46	7654991284	Rajsmila Patra	03.09.2021	S. Das
04	Comparative government	CG-074	BA19-103	9938471023	Sushmita Patra	03.09.2021	S. Das
05	International Relation	IR-097	BA19-282	84867062467	Dhanyaji Panda	02.09.2021	S. Das
07	Public ad	PA-007	BA19-164	9933900198	Lokesh Nayak	02.09.2021	S. Das
08	Comparative govt	CGP-044	BA19-211	7815088229	Sumita Sahoo	04.09.2021	S. Das
09	Public administration	PA-079	BA19-194	7205530680	Pabitra Bisi	04.09.2021	S. Das
10	International Relation	IR-078	BA19-58	7735911103	Pranya Nayak	02.09.2021	S. Das
11	International Relation	IR-051	BA19-135	9090986690	Satyajit Acharya	02.09.2021	S. Das
12	Comparative Govt	CG-076	BA19-135	9090986690	"	02.09.2021	S. Das
13	Publ ad	439	BA19-142	9658509463	Namita Padhi	4.09.2021	S. Das

BATCH - 2021-22

01	Public Administration	PA-070	BA-20-008	7841943129	Rupa Samalra		
02	Public Administration	PA-001	BA-20-162	7205850441	Laxmipriya Jena	20.06.22	
03	Inte Relation	IR-04	BA-20-02	9692700265	Santoshini Dash	27.06.22	
04	Public Ad.	PA-004	BA-20-008	7735786925	Srujanika Sahu	24.06.22	
05	Public Ad	PA-035	BA-20-097	8924205099	Audra Patra		
06	Public Ad	PA-027	BA-20-205	6371435268	Debasree Goss	20.06.22	
07	Public Ad (C)	435	BA-20-161	7684991160	Sulochana Sahu	20.06.22	
08	Public Ad (C)	PA-063	BA-20-206	97767098570	P.P. Sahoo	27.07.22	
09	Public Ad (C)	PA-senior	BA-20-195	8012319105	Tanushree Sahoo	20.06.22	
10	Public Ad (C)	PA-079	BA-20-049	8457999144	Diptimayee Panda	20.06.22	
11	Public Ad (C)	PA-007	BA-20-249	7077523259	Banshika Sahoo		
12	Public Ad (C)	444	BA-20-190	8917452556	Ankita Priya Sahu	20.06.2022	
13	Public Ad (C)	442	BA-20-200				
14	Public Ad (C)	443	BA-20-183	9662092510	Urza Malik	25.06.2022	
15	Inte Relation (C)	IR-052	BA-20-001				

Book Name						
16. Int. Relation (o)	IR-078	BA-20-048	G. Prakash	20.06.2022	Returned	
17. Comparative politics	ICP-074	BA-20-029	S. Kunda	20.06.2022	Returned	
18. Int. Relation (o)	IR-078	BA-20-214	Sudhansu Panda	20	Returned	
19. Comparative politics (o)	CP-034	BA-20-253	Asish Malik	21.06.2022	Returned	
20. Comparative politics (o)	360	BA-20-200	Jayanti Misra	20.06.2022	Returned	
21. Comparative politics (o)	369	BA-20-154	Sudhansu Panda	20.06.2022	Returned	
22. Comparative politics (o)	375	BA-20-231	P.P. Sathy	27.07.2022	Returned	
23. Comparative politics (o)	392	BA-20-178	M. P. Sathya	20.06.22	Returned	
24. Comparative politics (o)	389	BA-20-010	Bhaskar Sengupta	13.08.22	Returned	
25. Comparative politics (o)	467	BA-20-220	Sabirani Laha			
26. Comparative politics (o)	394	BA-20-252	Mutyunika Barik	20.06.22		
27. Public Ad.	308	BA-20-252	Mutyunika Barik	20.06.22		
28. Comparative politics	391	BA-20-142	Manjula Janda	25.05.22	Returned	
29. Comparative politics	CP-161	BA-20-180	Narottam Jena	27.07.22	Returned	
30. Public Ad.	430	BA-20-118				
31. Int. Relation (o)	077	BA-20-024	Rajashree Sahoo	20.06.22	Returned	
32. Int. Relation (o)	12	BA-20-221	Sudhansu Panda	20.06.22	Returned	
33. Int. Relation (o)	05	BA-20-049	Diptomayee Panda	20.06.22	Returned	
34. Comparative politics	381	BA-20-049	Diptomayee Panda	20.06.22	Returned	
35. Public Ad.	440	BA-20-034	Jepak Barik		Returned	
36. Public Ad.	441	BA-20-154	Sudhansu Panda	20.06.22	Returned	
37. Int. Relation	38	BA-20-200	Jayanti Misra	20.06.22	Returned	
38. Int. Relation	3P-122	BA-20-253	Prayajoti Dash			
39. Public Adm.	PA-105	BA-20-022	Santoshini Dash	22.06.22	Returned	
40. Int. Relation (o)	IR-109	BA-20-082	Alimuddin Sheikh			
41. Int. Relation (o)	IR-077	BA-20-024	Rajashree Sahoo			
42. Major pol. systems	dept. copy	BA-20-071	Ranjit Kumar Das	20.06.22	Returned	
43. Major pol. system	CD-277	BA-20-097	Rudra Mohan Barik	20.06.22	Returned	
44. Int. to comparative govt	CP-054	BA-20-034	Darshini Barik	20.06.22	Returned	
45. Int. Relations (o)	IR-051	BA-20-214	Sudhansu Panda	22.06.22	Returned	

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Sl. No.	Name of the book	Book Number	Student Name	Roll No. of Student	Date of Return	Initial
01.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPT-010	Mahaprasad Kaur	BA-18-008	5-08-2021	Kausalya pu
02.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	434	"	BA-18-008	"	Kausalya pu
03.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPT-048	Niranjali Behera	BA-18-127	"	Kausalya pu
04.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPT-049	N. Malik	BA-18-162	"	Kausalya pu
05.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPT-049	P.R. Sahoo	BA-18-066	"	Kausalya pu
06.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPS-217	Sapriya Sahoo	BA-18-245	"	Kausalya pu
07.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IT-086	"	BA-18-245	"	Kausalya pu
08.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	PT-264	P. Mishra	BA-18-141	"	Kausalya pu
09.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	IPF (A-08)	Manashree Mandal	BA-18-063	"	Kausalya pu
10.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	W-043	M.A. Kaur	BA-18-008	"	Kausalya pu
11.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	CPD-083	"	BA-18-008	"	Kausalya pu
12.	ଉତ୍କଳ ଗଣତନ୍ତ୍ର ଚିନ୍ତନ	HR-081	"	BA-18-008	"	Kausalya pu
13.	The constitution of India	"	Subhansita Nayak	BA-18-113	"	Kausalya pu
14.	India pol. Thought	PPT-026	"	BA-18-113	"	Kausalya pu
15.	Human Rights	HR-039	"	BA-18-113	"	Kausalya pu
16.	Human Rights	PA-105	Banshanari Bhuyan	BA-18-097	"	Kausalya pu

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Sl. No	Name of the book	Book Number	Student name	Roll No. of student	Student name	Return date	
1.	Western pol. Thought (C)	430	Suchamita Tanna	BA-19-193	Suchamita Tanna	20.05.2021	Suchamita Tanna
2.	Classical pol. Philosophy	CPP-053	Suchamita Panda	BA-19-107	Suchamita Panda	21.05.22	Suchamita Panda
3.	Western pol. Thought	431	P.P. Nayak	BA-19-058	P.P. Nayak	20.06.22	P.P. Nayak
4.	Classical pol. Philosophy	CPP-054	Dibya jyoti Panda	BA-19-232	Dibya jyoti Panda	21.05.22	Dibya jyoti Panda
5.	Western pol. Thought	433	Soma Pal	BA-19-126	Soma Pal	21.05.2022	Soma Pal
6.	Western pol. Thought (C)	432	Keshvika p. patra	BA-19-207	Keshvika p. patra	20.06.2022	K. Patra
7.	Western pol. Thought (C)	434	Prayanshini Bara	BA-19-125	Prayanshini Bara	20.06.2022	P.P. Bara
8.	Indian pol. Thought (C)	PPI-082	Nilepta Bara	BA-19-075	Nilepta Bara	21.05.22	Nilepta Bara
9.	Indian pol. Thought (C)-1	PPI-017	Tulasi Sahoo	BA-19-071	Tulasi Sahoo	21.05.22	Tulasi Sahoo
10.	Western pol. Thought (C)	PT-264	Suchamita Saha	BA-19-146	Suchamita Saha	21.05.22	Suchamita Saha
11.	Western pol. Thought (C)	437-091	Yashvini Ojha	BA-19-031	Yashvini Ojha	20.06.22	Y. Ojha
12.	Western POL. Thought (C)	21	Satya Parida	BA-19-014	Satya Parida	21.06.22	S. Parida
13.	Indian pol. Thought (C)	1					
14.	Human Rights (C)	2530					
15.	Indian pol. Thought (C)	PPI-026	Rajusmita Patra	BA-19-041	Rajusmita Patra	20.06.22	R. Patra
16.	Western pol. Thought	10	Namita Padal	BA-19-142	Namita Padal		
17.	Classical pol. Philosophy	CPP-029	Pabitra Bai	BA-19-144	Pabitra Bai	21.05.22	Pabitra Bai
18.	Human Rights (C)	HR-080	Santhamani Nayak	BA-19-148	Santhamani Nayak	21.05.22	Santhamani Nayak
19.	Human Rights (C)	HR-081	Madhvsnita Nath	BA-19-286	Madhvsnita Nath	20.06.22	M. Nath
20.	Indian pol. Thought (C)	IPT-01	Loralim Nayak	BA-19-154	Loralim Nayak	21.05.22	Loralim Nayak
21.	Human Rights in a Globalized Perspective	HR-039	Yashvini Ojha	BA-19-031	Yashvini Ojha	20.06.22	Y. Ojha
22.	P.A-118	Public adm.	Yashvini Ojha	BA-19-031	Yashvini Ojha		
Group B							
1.	Modern pol. Philosophy	MP-042	Santhamani Nayak	BA-19-049	Santhamani Nayak	11.07.2022	Returned
2.	Indian Pol Thought - II	IPT-050	Pabitra Bai	BA-19-144	Pabitra Bai	15.07.2022	Returned
3.	Modern pol. Philosophy	MP-041	Tulasi Sahoo	BA-19-071	Tulasi Sahoo	21.05.22	Returned
4.	Modern pol. Philosophy	25-40	Suchamita Panda	BA-19-107	Suchamita Panda	21.07.22	Returned
5.	Foreign policy	2534	Nilepta Bara	BA-19-075	Nilepta Bara	14.07.22	Returned
6.	Modern pol. Philosophy	MP-009	Dibya Jyoti Panda	BA-19-232	Dibya Jyoti Panda	21.05.22	Returned
7.	Indian pol. Thought	IPT-010	Suchamita Saha	BA-19-146	Suchamita Saha	19.07.22	Returned
8.	Loralim Nayak	MP-041	Loralim Nayak	BA-19-154	Loralim Nayak	19.07.22	Returned

Sl. No	Name of Book	Book Number	Name of student	Roll No of student	Photo of student	Date of Exam	Initial
18.	Political process in India	PP1-15	Saikatata Kurda	BA-20-029	9953166207	30.09.21	S. Das
19.	Pol. theory (concept & debate)	PT-071	"	"	"	"	S. Das
20.	Political Theory	PT-212	Santosini Dosh	BA-20-022	993742992	04.10.2021	S. Das
21.	Political Theory (adv)	403	"	"	"	"	S. Das
22.	Constitutional part & theory	KP-41	Priya Jyoti Dosh	BA-20-252	704973522	04.10.2021	S. Das
23.	बिनास बिनास G बिनास	KP-94	Sushash Pandu	BA-20-266	7849019007	"	S. Das
24.	बिनास बिनास G बिनास	402	"	"	"	"	S. Das
25.	बिनास बिनास G बिनास	PT-62	Mrunyansha Banik	BA-20-252	8241109004	01.10.2021	S. Das
26.	बिनास बिनास G बिनास	PT-081	"	"	"	"	S. Das
27.	बिनास बिनास G बिनास	PT-060	Subhasmita Farai	BA-20-154	9178925227	30.9.21	S. Das
28.	बिनास बिनास G बिनास	411	"	"	"	"	S. Das
29.	बिनास बिनास G बिनास	PT-061	Sulochana Saha	BA-20-014	768499160	30.9.21	S. Das
30.	बिनास बिनास G बिनास	408	"	"	"	"	S. Das
31.	बिनास बिनास G बिनास	334	Santoshini Das	BA-20-022	993742992	1.10.21	S. Das
32.	बिनास बिनास G बिनास	KP-93	Monalisa Mukherjee	BA-20-112	687085142	"	S. Das
33.	बिनास बिनास G बिनास	403	"	"	"	"	S. Das
34.	Pol. theory & Ideology	404	Prayanshi Rout	BA-20-069	9453618493	"	S. Das
35.	Constitutional part	KP-58	"	"	"	"	

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1.	Understanding of PIR	PT-001	Monalisa Priyadarshi	BA-21-266	8984394125	24.02.22	
2.	Understanding of PIR	PT-030	Lope Malik	BA-21-121	9178268201	25.07.22	

2nd Semester

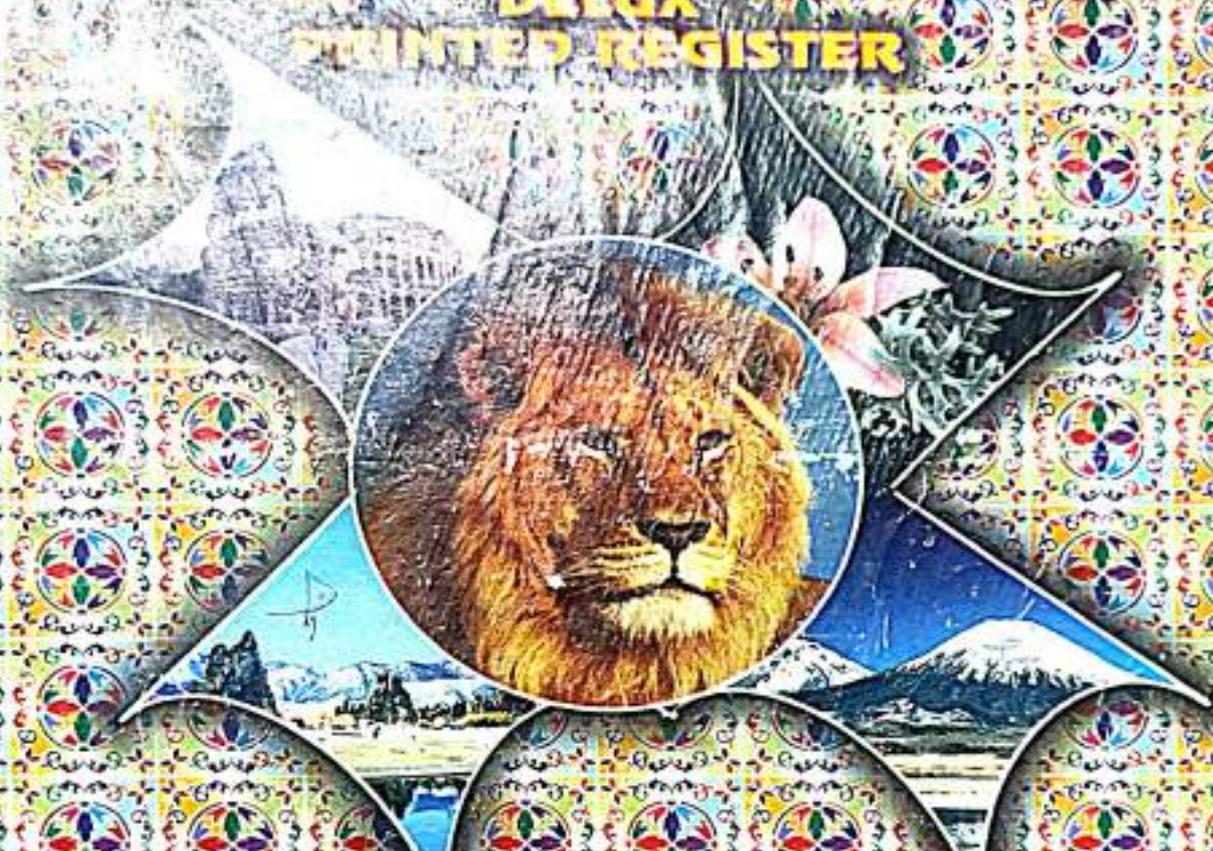
1.	Pol. Process in India	PP1-069	Monalisa Priyadarshi	BA-21-266	8984394125	11.02.22	
2.	Pol. Theory Concept	PT-063	Sumitra Rout	BA-21-111	902770042	11.02.22	
3.	Pol. Theory Concept	PT-013	Sakita Banik	BA-21-274	997200462	11.02.22	
4.	Pol. Theory Concept	PT-062	Dravanti Das	BA-21-047	7377534621	11.02.22	
5.	Pol. Theory Concept	PT-063	Apnita. P. Das	BA-21-158	845718522	13.02.22	

Sr.	Topic	Code	Author
1.	Pol. Process in India	PT-065	Sushitra parida
2.	...	PT-064	Laxmipriya Jena
3.	...	PT-071	Sambayanar. abhyas?
4.	Pol. Theory concept date	PT-075	Anchana parida
16.	...	PPI-072	Poo Sathya

Sr.	Topic	Code	Author	Date of Issue	...
1.	...	BA-21-115	9178 956008	25.07.22	11.02.22
2.	...	BA-21-285	7777164501	25.07.22	13.02.22
3.	...	BA-21-200	7250945704	25.07.22	
4.	...	BA-21-020	7750906275	25.07.22	
5.	...	BA-21-150	784905194	25.07.22	

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Books Issue Register
Dept. of Sociology
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Date	Title of Book	Roll NO	cat no	Signature	Date of Return	Signature
6.1.22	Social Disorganization	BA-18-001	SOC-486	Suryasmita Pradhan	12.4.24	JP
	ସାମାଜିକ ବିଘଟନ	BA-18-005	SOC-458	Adhis Bhal	12.4.24	JP
	"	BA-18-14	SOC-1320	Sunyananti Nayak		
	"	BA-18-17	SOC-1327	Madhusmita Saha	JP 6.4.24	
	"	BA-18-60	SOC-1410	Anamika Pradhan	JP 12.4.24	
	"	BA-18-66	SOC-1185	Manisarani Sahoo	JP 12.4.24	
	"	BA-18-115	SOC-1408	Muni Maity	JP 6.4.24	
	"	BA-18-129	SOC-1117	Susmita Sahoo	JP 6.4.24	
	"	BA-18-132	SOC-1409	Simran Pradhan	JP 12.4.24	
	"	BA-18-133	SOC-1323	Barsha Ranj Jena	JP 6.4.24	
	"	BA-18-142	SOC-1183	Rupankari Maik	JP 12.4.24	
	"	BA-18-143	SOC-1326	Sangyeta Nayak	JP 12.4.24	
	"	BA-18-174	SOC-1329	Barsha Mallick	JP 12.4.24	
	"	BA-18-186	SOC-1325	Prayansu Sahoo	JP 12.4.24	
	"	BA-18-187	SOC-1330	Saudamini Sahoo	JP 6.4.24	
	"	BA-18-192	SOC-1407	Suryasmita Sahoo	JP 6.4.24	
	"	BA-18-194	PC-1	Tanikree Maik	JP 6.4.24	
	ଉତ୍ପତ୍ତି କର୍ମ	BA-18-201	SOC-1405	Sonal Dash	JP 12.4.24	
	ସାମାଜିକ ବିଘଟନ	BA-18-228	SOC-456	Namita Padhi	JP 6.4.24	
	ଉତ୍ପତ୍ତି କର୍ମ	BA-18-241	SOC-439	Madhusmita Raut	JP 12.4.24	
	ବିକାର, ପରିବାର ଏବଂ ଶିକ୍ଷା	BA-18-264	SOC-498	Pratiksha Jena	JP 12.4.24	
	ସାମାଜିକ ବିଘଟନ	BA-18-265	SOC-455	Pritheeka Barick	JP 10.4.24	
	ଉତ୍ପତ୍ତି କର୍ମ	BA-18-126	SOC-442	Arpita Sahoo	JP 12.4.24	
	"	BA-18-67	SOC-441	Manaswini Sahoo	6.4.24	JP
	"	BA-18-75	SOC-440	Aparna Das	12.4.24	JP
	ବିକାର, ପରିବାର ଏବଂ ଶିକ୍ଷା	BA-18-95	SOC-429	Madhusmita Tarai	12.4.24	JP
	ଉତ୍ପତ୍ତି କର୍ମ	BA-18-115	SOC-443	Muni Maity	10.4.24	JP
	"	BA-18-17	SOC-441	Madhusmita Saha	JP 12.4.24	
	ବିକାର, ପରିବାର ଏବଂ ଶିକ୍ଷା	BA-18-133	SOC-430	Barshanani Jena	JP 12.4.24	
	ସାମାଜିକ ବିଘଟନ	BA-18-026	SOC-1404	Shalini Singh	JP 12.4.24	
	"	BA-18-123	SOC-1403	Subhasmita Nayak	JP 12.4.24	
	"	BA-18-100	SOC-1402	Prithi Bhal		
	ସାମାଜିକ ବିଘଟନ	BA-18-201	SOC-1323	N.D. Babitaran	JP 12.4.24	
	Social Disorganization	BA-18-241	SOC-425	Madhusmita Raut	JP 12.4.24	
	ସାମାଜିକ ବିଘଟନ	BA-18-185	SOC-1327	Arpita Maik	JP 12.4.24	

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+3 1st yr 2nd semester - april 2020

Date	Title of Book	Roll no.	cat no	Signature	Date of Return	Signature
16.01.2020	ଓଡ଼ିଆ ଶିକ୍ଷା	BA19-09	SOC 1121	Bejoylakshmi Mahapatra	4.12.20	JP
16.01.2020	" "	BA19-61	SOC 1159	Kabitarani Sahoo	4.12.20	JP
	" "	BA19-69	SOC 1398	Shantipratimayak	16.3.21	JP
	" "	BA19-120	SOC 1396	Sushree Saengeta Sarmal	17.3.21	JP
	" "	BA19-100	SOC 1122	Purni Das		JP
	" "	BA19-93	SOC 1282	Buchinmita Sahoo	4.12.20	JP
	" "	BA19-080	SOC 1196	Sudamini Mahapatra	4.12.20	JP
	" "	BA19-177	SOC 1277	Gitanjali sethi	14.12.20	JP
	" "	BA19-124	SOC 1198	Anjali Rout	4.12.20	JP
	" "	BA19-120	SOC 1283	Priyanka Patra	4.12.20	JP
	" "	BA19-218	SOC 1126	Laxmideviya Lenka	19.02.21	JP
	" "	BA19-179	SOC 1279	Ritesmita Nayak	19.02.21	JP
	" "	BA19-139	SOC 1194	Monali Behera	17.1.21	JP
	" "	BA19-223	SOC 1148	Debarani Barik		JP
	" "	BA19-90	SOC 1285	Itishree Panda	16.3.21	JP
	" "	BA19-249	SOC 1243	Gitanjali sethi	4.12.20	JP
	" "	BA19-74	SOC 1197	Smayatika pehera	4.12.20	JP
	" "	BA19-150	SOC 1284	Dipkumari Reddy	17.1.21	JP
	" "	BA19-214	SOC 1199	Eleenpran Chak	16.3.21	JP

Roll no	Roll no	Roll no	Roll no	Roll no	Roll no	Roll no
21-7-21	BA-18-115	SOC-459	Murimaitiy	10-10-4-21		
25-9-20	BA-18-115	SOC-1505	Muri Maity	10-10-4-21		
25-9-20	BA-18-005	SOC-1507	Ashis chel	10-12-4-21		
	BA-18-005	SOC-1515	Ashis chel	10-12-4-21		
	BA-18-001	ALN-26	Seetyasmita	10-12-4-21		
	BA-18-001	SOC-1502	Seetyasmita Nayak	10-12-4-21		
	BA-18-17	SOC-1500	Manjushree Saha	10-12-4-21		
	BA-18-75	ALN-21	Aparna Das	10-12-4-21		
	BA-18-75	ALN-25	Aparna Das	10-12-4-21		
	BA-18-241	SOC-468	Madhusmita Rout			
	BA-18-241	ALN-20	Madhusmita Rout	10-12-4-21		
	BA-18-265	ALN-19	Aparna Das	10-10-4-21		
	BA-18-265	SOC-460	Aparna Das	10-10-4-21		
	BA-18-095	SOC-1504	Madhusmita Rout	10-12-4-21		
	BA-18-14	SOC-1503	Suryakanti Baryal	10-12-4-21		
	BA-18-14	SOC-461	Suryakanti Baryal	10-12-4-21		
	BA-18-67	SOC-1499	Madhusmita Rout	6-4-21		
	BA-18-123	ALN-42	Subhasmita Nayak	10-12-4-21		
	BA-18-123	SOC-1508	Subhasmita Nayak	10-12-4-21		
	BA-18-187	SOC-462	Sudamani Saha	6-4-21		
	BA-18-187	ALN-43	Sudamani Saha	6-4-21		
	BA-18-192	ALN-44	Suryasmita Saha	6-4-21		
	BA-18-192	SOC-463	Suryasmita Saha	6-4-21		
	BA-18-174	SOC-464	Bansa Malick	12-5-21		
	BA-18-174	ALN-18	Bansa Malick			
	BA-18-194	ALN-45	Tejshree Nayak	6-4-21		
	BA-18-194	SOC-1570	Tejshree Nayak	6-4-21		
	BA-18-204	SOC-1493	Pratiksha Jena	10-12-4-21		
	BA-18-204	ALN-46	Pratiksha Jena	10-12-4-21		
	BA-18-132	ALN-41	Simran Pradhan	10-12-4-21		
	BA-18-132	SOC-1511	Simran Pradhan	10-12-4-21		
	BA-18-133	SOC-465	Banshrajani Jena	10-12-4-21		
	BA-18-133	ALN-40	Banshrajani Jena	10-12-4-21		
	BA-18-143	ALN-38	Sangita Nayak	10-12-4-21		
	BA-18-143	SOC-466	Sangita Nayak	10-12-4-21		

25.9.20	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-201	ALN-39	Sonalidash	୮୭	12.8.4
	ଶ୍ରୀକର୍ମଚାରୀ ସମାଜସେବିକା	BA-18-201	SOC-467	Sonali Dash	୮୭	12.8.4
	"	BA-18-126	SOC-1517	Arpita Sahoo	୮୮	12.8.4
	ପରିବେଶ ଓ ସମାଜ	BA-18-126	ALN-36	Arpita Sahoo	୮୮	12.8.4
	"	BA-18-001	ALN-37	Suryasmita Patra	୮୭	12.8.4
	"	BA-18-241	SOC-1521	Madhusmita Rouf	୮୭	12.8.4
	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-186	SOC-1514	Priyanka Sahoo	୮୮	12.8.2
	ପରିବେଶ ଓ ସମାଜ	BA-18-186	SOC-1522	Priyanka Sahoo	୮୮	12.8.2
	"	BA-18-129	SOC-1518	Sudamita Swain	୬୫	4.4
	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-129	SOC-1506	Sudamita Swain	୬୫	4.4
	"	BA-18-142	SOC-450	Rupamita Mishra	୮୭	12.8.4
	ପରିବେଶ ଓ ସମାଜ	BA-18-142	SOC-1524	Rupamita Mishra	୮୭	12.8.4
8.10.20	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-44	SOC-442	Arpita Sahoo	୬୫	4.4
	ଶ୍ରୀକର୍ମଚାରୀ ସମାଜସେବିକା	BA-18-44	SOC-1513	Arpita Sahoo	୬୫	4.4
	"	BA-18-60	SOC-1501	Anamika Pradhan	12	4.4
	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-60	SOC-442	Anamika Pradhan	12	4.4
	"	BA-18-66	SOC-444	Manisarani Sahoo	୮୭	12.8.4
	ପରିବେଶ ଓ ସମାଜ	BA-18-66	SOC-1523	Manisarani Sahoo	୮୭	12.8.4
	"	BA-18-17	SOC-1520	Madhusmita Sahoo	୮୭	12.8.4
	ଶିଳ୍ପତ୍ରିତ୍ତିକ ସମାଜସେବିକା	BA-18-026	SOC-446	Shalini Singh	୮୭	12.8.4
	ପରିବେଶ ଓ ସମାଜ	BA-18-026	SOC-1527	Shalini Singh	୮୮	12.8.4
୧.12.20	"	BA-18-005	ALN-10	Ashish Dhal	୮୭	12.8.4
	"	BA-18-073	ALN-13	Aparna Das	୮୭	12.8.4
	"	BA-18-141	ALN-11	Suryananti Das	୮୭	12.8.4

Sr	Date	Title of the book	Roll no	cat no.	Sign	Date of Return	Sign
1	22/4	ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ପ୍ରାମଦିକା ଦିକ୍ଷିତ	BA19-004	SOC-1467	Bijayalaxmi Mohapatra		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-004	SOC-1408	Bijayalaxmi Mohapatra		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-100	SOC-1472	Pinki Das		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1410	Pinki Das.		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-179	SOC-1465	Ritusmita Nayak		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1409	Ritusmita Nayak		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-177	SOC-1478	Gitanjali Sethi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1329	Gitanjali Sethi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-222	SOC-1480	Babina Girci		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1185	Babina Girci		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-217	SOC-1468	Sumitra Malik		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1382	Sumitra Malik		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-76	SOC-1461	Richan Biswal		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1380	Richan Biswal		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-80	SOC-1474	Soudamini malapatra		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-80	SOC-1321	Soudamini malapatra		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-122	SOC-1464	prityanka parida		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-122	SOC-1323	prityanka parida		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-123	SOC-1475	Bismaya Dash		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-124	SOC-1463	Anjali Rout		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1325	Anjali Rout		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-162	SOC-1470	Ankita Malik		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1326	Ankita Malik		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-218	SOC-1471	Laxmi Priya Lenka		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1404	Laxmi Priya Lenka		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-249	SOC-1466	Gitanjali Sethi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-093	SOC-1461	Suchismita Sahoo		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-120	SOC-1462	Sushree Sangita Samal		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	//	SOC-1327	Sushree Sangita Samal.		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-132	SOC-1329	Archi Kumar Sahoo		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-249	SOC-1117	Gitanjali Sethi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-147	PC-1	Chinmayee Panigrahi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-147	SOC-1463	Chinmayee Panigrahi		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-143	SOC-1476	Saikhna e maik		ନିର୍ଦ୍ଦେଶିକା
		ନଗର ପ୍ରମାଦଗାମ୍ଭୂ ଦିକ୍ଷିତ	BA19-234	SOC-1438	Purnima Sahoo		ନିର୍ଦ୍ଦେଶିକା

Sl. No.	Date	Title of the Book	Roll no.	Cat. no.	Signature	
	25.7.21	ଏକଦଶ	BA-21-80	ALN-36	Ankita Panda	୧୨୦୩୬
		ଉତ୍କଳ ସମାଜ	BA-21-38	Soc-1194	Ambika Sethi	୧୨୦୩୬
		"	BA-21-05	1284	Bhagyashree Panda	୧୨୦୩୬
		"	78	1126	Monalisa malik	୧୨୦୩୬
		"	74	1398	Ankita Kund	୧୨୦୩୬
		"	166	1199	Rangita Kund	୧୨୦୩୬
		"	34	1197	Snehajyotshna para	୧୨୦୩୬
		"	86	1396	Arpita Panda	୧୨୦୩୬
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		"	212	1283	Udit Narayan Biswal	୧୨୦୩୬
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		"	186	ALN-37	Priyanka priyadarshini	୧୨୦୩୬
		"	38	1520	Ambika Sethi	୧୨୦୩୬
		"	32	1522	Bhagyashree Ray	୧୨୦୩୬
		"	71	1523	Monalisa Behera (Rahul)	୧୨୦୩୬
		"	238	ALN-13	Akhil Pradhan (219)	୧୨୦୩୬
		"	242	ALN-11	Bandita Priyadarshini Sahoo	୧୨୦୩୬

NATIONAL LEVEL WEBINAR

GENDER, SOCIETY and CULTURE

Resource Person: Dr Tattwamasi Paltasingh,

HOD Sociology, Sambalpur University, Jyoti Vihar

&

Dr Nilakantha Panigrahi, Associate Prof & Head, Department of
Anthropology & Tribal Studies, Guru Ghasidas Central
University, Bilaspur, Chattisgarh



ORGANISED BY

DEPARTMENT OF SOCIOLOGY

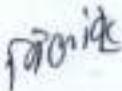
in association with IQAC

PATTAMUNDAI COLLEGE, PATTAMUNDAI

16-04-2022

REPORT

A national level webinar on the topic " Gender, Society and Culture" was organized by the Department of sociology, Pattamundai College, Pattamundaiat 11.00am on 16.04.2022 under the chairmanship of Prof. Pravakar Rout, principle of the College. Two resource person of the webinar were Dr. Tattwaswami Paltasingh , Prof. Dept. of Sociology, Sambalpur Univeersity and Dr. Nilakantha Panigrahi, Associate Professor, Dept. of Anthropology and Tribal Development , G.G. University, Bilaspur. At the outset Capt. Manoj Parida , H.O.D. and convener of the webinar introduced the guests and delivered a keynote address on the subject . then the principal formally welcomed the resource person and the participants. Mr. R.K.Senapati , Reader in Sociology and Co-convener of the webinar invited the resource person for their deliberations. After the deliberation there was a question-answer section. The webinar was attended by students , researchers, academicians, lecturers and others. The webinar was ended with a vote of thanks by Mr. R.K.Senapati.


Head
Department of Sociology
Pattamundai College


IQAC Co-ordinator
Pattamundai College


Principal
Pattamundai College

OFFICE OF THE PRINCIPAL
PATTAMUNDAI COLLEGE, PATTAMUNDAI

NOTICE

No. 367/A dt. 12/04/2022

It is for the information of all concerned that, the Department of Sociology of this college is going to organize a National Level webinar on "Gender, Society & Culture" at 11.00 am on 16.04.2022 in association with IQAC through ZOOM Meeting App. All the staff members are requested to Join the webinar to make it a grand success.


Principal
Pattamundai College.
Principal
Pattamundai College
12-4-22

Copy to : Guard File / Staff Common Room .



OFFICE OF THE PRINCIPAL

Mobile : 9437376724

PATTAMUNDAI COLLEGE

NAAC ACCREDITED B GRADE

PATTAMUNDAI, KENDRAPARA, ODISHA - 754215

Ref No. : 363

Date 11/04/2022

To

Dr Nilakantha Panigrahi
Associate Professor,
Department of Anthropology & Tribal Development ,
Guru Ghasidas University, Bilaspur.

Sub: Invitation as Resource Person in the National Webinar of
Sociology at Pattamundai College, Pattamundai on 16th April
2022 at 11 a.m.

Sir,

It is my pleasure to invite you as resource person in the National
Webinar on the topic " Gender Society & Culture" to be organised by
Department of Sociology, Pattamundai College, Pattamundai at 11
AM on 16th April 2022.

Your kind consent and cooperation is highly solicited.

Principal
Pattamundai College

Principal
Pattamundai College

Invitation

2 messages

Principal Pattamundai College <pattamundaicollege@gmail.com>
To: tpaltasingh@gmail.com

Mon, Apr 11, 2022 at 12:03 PM

Principal
Pattamundai College
pattamundaicollege@gmail.com

 Tattswami.pdf
167K

Tattwamasi Paltasingh <tpaltasingh@gmail.com>
To: Principal Pattamundai College <pattamundaicollege@gmail.com>

Wed, Apr 13, 2022 at 12:44 PM

To
The Principal
Pattamundai College
pattamundaicollege@gmail.com

Sir,

Many thanks for the invitation as a Resource person in the National Webinar on 'Gender, Society & Culture' to be held on 16th April, 2022 to be organized by Pattamundai College in collaboration with Sociology Department and IQAC Cell. I confirm my presence and deliberation for the said event. As required PFA my brief CV.

With thanks and regards,
Tattwamasi Paltasingh

Dr. Tattwamasi Paltasingh
Professor & Head , P.G. Department of Sociology
Sambalpur University
Jyoti Vihar-768019, Odisha, India
Mobile-9439582596
E-mail ID: tpaltasingh@gmail.com

On Mon, Apr 11, 2022 at 12:03 PM Principal Pattamundai College <pattamundaicollege@gmail.com> wrote:

Principal
Pattamundai College
pattamundaicollege@gmail.com

(no subject)

1 message

Nilakantha Panigrahi <nilakantha.panigrahi@gmail.com>
To: pattamundaicollege@gmail.com

Mon, Apr 11, 2022 at 8:54 PM

Dear Sir,
Thanks for your kind invitation. It is my pleasure to deliver the talk on one of the important topics of societal importance.
With warm regards,
Nilakantha Panigrahi
HoD, Dept of Anthropology and Tribal Development, GGV, BILASPUR, CG

To
Prof. M. N. Panda
Head Sociology.

N. Panigrahi
13.4.22

Gender, Culture and Society: A Look from Tribal community Perspective

Nilakantha Panigrahi, Ph.D
Associate Professor and Head
Dept of Anthropology and Tribal Development
Guru Ghasidas Vishwavidyalaya (A Central University)
Bilaspur, Chhattisgarh

Introduction

- Indian society is very old, complex or plural by nature.
- The contemporary India carries co-existence of different social evolutions like hunting, gathering, shifting cultivator, nomad, trader, artisan, settled agriculturist, industrial worker, wage labourer etc.
- It is also a country with a small but meaningful tribal population.
- The religions and faith groups like Hinduism, Christianity, Islam, Buddhists of the world are also found in India. The composite culture of India has provided a pattern of pluralism.

Presentation coverage

- Some conceptual clarity
- Gender issues: Some theoretical reflections
- Tribal society: A stage in social evolution
- Tribal situation in India: A socio-cultural perspective.
- Reality and Perception of Gender-Culture and Society in tribal society.

Some conceptual issues

- gender- The state of being male or female in cultural or social context. Sex tend to refer to a biological differences, while Gender tends to refer to culture or social ones.
- Society- It is a largest permanent group in which individuals have common interests, common territory and common mode of life.
Culture –It is a symbiotic and learned aspect of human society and is socially rather than biologically transmitted. E.B Tylor define (1871) 'culture is commonly used as a complex whole which includes knowledge, belief, art, morals, law and customs. It includes both material and non-material aspects of culture, transmitted by teaching and tradition.

Tribal women contd....

- Till date social scientists largely believe that all the societies are male dominated, while anthropologists particularly argued that hunting- gathering and horticultural societies were based on egalitarian principles (Sacks, 1979, Sanday lbid).
- As regard the **status of tribal women**:
one interpretation propagate that **tribal women enjoy** their socio, economic, political and cultural rights in their society.
The **second perspective** looks at the status of tribal women from constitutional safeguards and measures, guaranteeing human rights and mutual respect (Xaxa,2004,2009)

Thus, it is observed that very little recognition has been given by the State to customary law and women rights over land, knowing the fact very well that

"Women constitute half the world's population, contributes nearly two-thirds of its total hours in household and economic activities of the family, receive one-tenth of the world's income and less than one hundredth of the property."
(The United Nation's Report in 1980)

Social justice demands that a woman should be treated equally both in the economic and the social sphere. The exclusion of daughters from participating in property ownership (in operation) merely by reason of their sex is unjust.
(174th LAW COMMISSION REPORT)

Review of Literature

- In first half of 20th century the major works of women anthropologists like Margaret Mead (1928), and Ruth Benedict have produced extensive study-based documents on Polynesians and native Americans on women issues largely influenced by culture and not only by biology as previously believed .
- The western feminist looked at anthropology to understand women's situation in different social, political and economic orders, causes of subordination in a much broader perspective.
- Anthropology has contributed (Moore,1994:10), that gender is socially constructed rather than a naturally given category.
- Anthropologists build the theory that women are allocated with nature and men with culture (Ortner,1974), and women are linked to the domestic sphere as opposed to men linked with the public sphere (Rosaldo,1980).

Inheritance of properties among Hindus and Muslims

- Among the Hindus Under Mitakshara school women as incoming wives were only entitled to maintenance and unmarried daughters, entitled to marriage expenses and gifts.
- Bombay (Mayukha) sub-school of Mitakhara allowed an absolute estate to the daughter (unmarried one or returns when she became widow)
- *Dayabhaga school* recognises the widow and her daughters as heirs over ancestral estate.
- Among the Muslim daughters and widows inherit property: daughter's share is half that of a son, and a widow could only receive one-fourth of her husbands estate if child less or one- eighth if there was a child or a son's descendants.

State Policies on Land in Odisha: and the status of customary practices of Tribal Women

- The Orissa (Scheduled Areas) Transfer of Immovable Properties (by Scheduled Tribes) Regulations, 2 of 1956 as amended in 2002.
- Orissa (Scheduled Areas) Money Lenders Regulation, 1967 as amended in 2001.
- Section 22 and 23 of Orissa Land Reforms Act, 1960
- The OLRA 1960, the gender inequalities are very much clear. The Act does not mention the order of the devolution at all. Married daughters are exempted from the inheritance. The men subsumes women's rights. Husbands were not taking permission from the wife for the dealing of land.
- In post 1970 period attempts are being made to bring women as the coparceners on land rights, but yet to be succeeded.

Cont...

- Orissa Prevention of Land Encroachment Act, 1972
- Policy to tackle the problems of Pre-1980 and post-1980 Forest Encroachments and declaration of forest villages as revenue villages.
- Land donations under Bhoodan
- Policy on Rehabilitation of Tribals (R&R Policy 2006) affected by construction of irrigation projects or establishment of industries etc.
- Mo Jami – Mo Diha' (My land – My homestead) campaign.
- Vasundhara
- Land distribution under Forest Rights Act (FRA)
- Under the Joint Patta Holding (GoO 2000) the Ceiling Surplus of Govt land is to be distributed in the name of both wife and husband.
- Women are the coparceners when the land being given either for the homestead or for the agriculture purposes and at least 40 per cent of the Govt land should go to the hands of women.

SUPREME COURT ORDER ON TRIBAL WOMAN PROPERTY RIGHT

- In Madhu Kishwar & others vs. State of Bihar & others (1996) 5 SCC 125)
The Court declined to be persuaded by the argument that giving the women rights in property would lead to fragmentation of lands:
- It recommended that 'Right to property of the tribal women's means the right to livelihood of the family'.
- Accordingly it was held that the tribal women would succeed to the estate of their parent, brother, husband as heirs by succession and inherit the property with equal share with male heir with absolute rights as per the general principles of Hindu Succession Act, 1956, as amended and interpreted by the Court and equally of the Indian Succession Act to tribal Christian.

Basic important Questions:

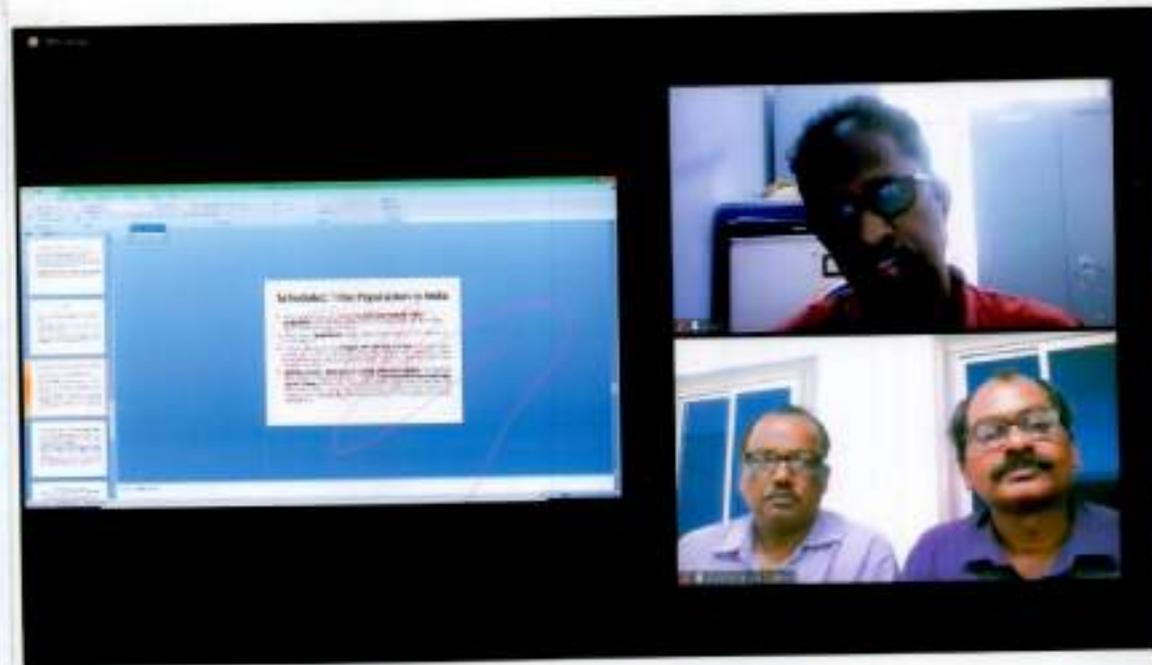
- Why women in tribal community enjoy greater respect in their socio-cultural life?
- What are the factors which are responsible for the economic empowerment of the tribal women?
- Which factors influence the political empowerment processes of the tribal women?
- What are the institutional and policy factors which influence the development of the tribal women?

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4/12/2022 11:24:42	patranamita2422003@gm	NAMITA PATRA	Students	Pattamundai college patt	2nd Year	Arts	BA20-206	8584780948
4/12/2022 11:54:29	gariadevdes@gmail.com	DEVDA S GARIA	Students	Model degree college	1st Year	Arts	BA21014	9861671046
4/12/2022 12:07:29	gitanjaisethi37@gmail.c	GITANJALI SETHI	Students	Pattamundai college patt	3rd Year	Arts	BA19-249	7735004342
4/12/2022 12:08:37	sitaranipanda226@gmail	SITA RANI PARIDA	Students	Pattamundai college patt	3rd Year	Arts	BA-19-188	9348336441
4/12/2022 12:35:08	madhusmitatara68@gma	MADHUSMITA TARAI	Students	swami vibekanda institute of management		Other		784037900
4/12/2022 13:17:35	subhalakshmitara2002@gm	SUBHALAKSHMI TARAI	Students	Pattamundai degree colle	2nd Year	Arts	Ba20_137	8114966081
4/12/2022 18:42:56	sahoosingh12345@gmail	Ankita Sahoo	Students	PATTAMUNDAI (DEGREI	2nd Year	Arts	BA20-87	9675403131
4/12/2022 19:02:46	papuashutoshmishra@gm	ASHUTOSH MISHRA	Students	Kendrapara autonomous college			MA/sec /21-018	9114734537
4/12/2022 19:09:06	imamana7964@gmail.com	MONALI PARIDA	Students	Pattamundai college patt	3rd Year	Arts		6371833779
4/12/2022 19:43:45	subhasmita02@email.co	SUBHASMITA PALAI	Students	Pattamundai degree Colk	2nd Year	Arts	AB-20-183	9668985961
4/12/2022 20:07:06	sahoopumima530@gmail	Purnima saho	Students	Pattamundai degree Colk	3rd Year	Arts	BA-19-234	7848877876
4/12/2022 20:10:32	sajalbehera2000@gmail	PRIYANKA BEHERA	Students	Pattamundai degree colle	2nd Year	Arts	BA20-099	9692922662
4/12/2022 20:14:03	saishreemalik104@gmail	SAI SHREE MALIK	Students	Pattamundai college	3rd Year	Arts	BA-19-143	7894963475
4/12/2022 20:34:58	pramodkmohanty123@g	SHIVANK MOHANTY	Students	Pattamundai General Coll	1st Year	Arts	BA21003	9090064813

Timestamp	Email Address	Full Name (In Capital Lett	Designation	Institution/ College/ Unive	Class (for Students only)	Stream	College Roll No (for Stud	Mobile No.
4/13/2022 21:37:44	manojparida1967@gmail	MANOJ PARIDA	Reader	Pattamundai College				9861329944
4/13/2022 21:46:26	rajendra.pr.tripathy@gma	DR.RAJENDRA.PR.TRIP	Reader	Kendrapara Auto College	3rd Year	Arts	NA	9437128742
4/13/2022 21:46:27	sahooashishkumar444@y	ASHISH KUMAR SAHOC	Students	Pattamundai college	2nd Year	Arts	BA20 113	8658099195
4/13/2022 21:57:57	pratapnayak698@gmail.c	PRATAP CHANDRA NAY	Lecturer	S.M.HSS				8249623229
4/13/2022 21:58:56	manoj54subhasini@gmail	MANOJ KUMAR MOHAP	Reader	Banki college Autonomous		Science		9437317659
4/13/2022 22:22:23	himansu09438@gmail.co	DR HIMANSU BHUSAN I	Sr. Lecturer	VHJ Mahavidyalaya Nikirai	Kendrapara	Arts		9438367485
4/13/2022 22:28:22	nayaksubhasish801@gm	SUBHASHISH NAYAK	Students	IGNOU	1st Year	Arts		8917699472
4/13/2022 22:35:36	reetikasa2000@gmail.co	REETIKA SA	Students	Indira Gandhi National op	1st Year	Arts		6371217411
4/13/2022 22:42:37	birupp101@gmail.com	BIRUPAKSHYA PANDA	Students	IGNOU	2nd Year	Arts	09656834578	
4/13/2022 22:47:55	mrashokkumamayak123@	ASHOK KUMAR NAYAK	Students	Regional college bhubani	1st Year	Arts		9439744123
4/13/2022 23:51:57	dashsatya77490@gmail.c	Satyajit Dash	Students	IGNOU	1st Year	Arts	07745091645	
4/14/2022 0:04:44	aroutroymanan@gmail.co	AISWORYA ROUSTRAY	Students	Indira Gandhi National op	2nd Year	Arts		7077379771
4/14/2022 1:32:38	dashpritchhanda278@gm	PRITICHHANDA DASH	Students	Kendrapara autonomous	1st Year	Arts	2108648471	6370656797
4/14/2022 3:25:22	sunilpradhan1968@gmail	DR SUNIL KUMAR PRAC	Reader	Pattamundai College				9937193076
4/14/2022 5:11:42	bikashnayak121@gmail.c	BIKAS RANJAN NAYAK	Lecturer	Sarba Mangala Degree College		Arts		9938286769
4/14/2022 6:15:18	pramila_jpt@gmail.com	PRAMILA BAI	Lecturer	MANGALPUR WOMEN'S DEGREE COLLEGE,MANGALPUR,JAJPUR				9090396352
4/14/2022 6:32:08	ghadaiashree81@gm	SUBHASHREE GHADAI	Lecturer	Mangalpur Women's Degree College,Jajpur		Arts		7883816200
4/14/2022 6:38:47	joyirekha01@gmail.com	JYOTIREKHA JENA	Students	Kendrapara Autonomous	1st Year	Arts	MA/Soc /21-015	6371885829
4/14/2022 7:29:10	nayaksanam514@gmail.c	CHHAYA KANTI BANJAR	Students	Govt Autonomous college	2nd Year	Arts	179682484	7978808312
4/14/2022 7:59:50	swatiranipradhan01@gm	SWATIRANI PRADHANI	Students	Sarbamangla degree colli	3rd Year	Science	BS(B)19-152	9348451930
4/14/2022 10:02:01	priyankapriya35250@gm	PRIYANKA PRIYADARSHI	Students	Barpara degree college t	2nd Year	Arts	BA20-62	7673224371
4/14/2022 10:20:05	jenapujanani25@gmail.co	Pujananjena	Students	Badaopada degree college	2nd Year	Arts	BA20-108	7609906546
4/14/2022 10:26:20	rajeshkumarsahu907806@	RAJESH KUMAR SAHU	Students	BARPARA DEGREE COL	3rd Year	Arts	BA20-105	7008241145
4/14/2022 11:04:19	rsutsobhabati@gmail.com	SOBHABATIROUT	Students	BARAPARA DEGREE CC	2nd Year	Arts	BA20-63	917848919684
4/14/2022 11:32:39	bariksandhya389@gmail	SANDHYA RANI BARIK	Students	Barapara Maha Vidyalay	3rd Year	Arts	30	7205887794
4/14/2022 11:50:52	jogamayananda53@gmai	JOGAMAYANANDA	Students	Barpara Degree college	2nd Year	Arts	BA20-106	8144872761
4/14/2022 13:58:04	sekhamayak307@gmail.c	RESHMA NAYAK	Students	BARAPARA DEGREE CC	3rd Year	Arts	BA19_053	8456896320
4/14/2022 14:01:34	arabindemal@gmail.com	ARABINDA GHADAI	Lecturer	LOKANATH MAHABIDIYALAYA,KORUA, KENDRAI	Other			9124188872
4/14/2022 15:07:57	laxmipriyasutar95@gmail	LAXMIPRIYA SUTAR	Students	BARPARA College	2nd Year	Arts	BA20-103	6372198879
4/14/2022 15:44:52	pankajini1@gmail.com	PANKAJINI JENA	Students	Indira gandhi national op	1st Year	Arts	2108604895	8144153469
4/14/2022 15:47:35	bhaktilatamoharana96@c	BHAKTILATA MOHARAN	Students	Ignou student at Kendrap	1st Year	Arts	2107465239	9348089893
4/14/2022 15:57:29	pinkijena996@gmail.com	PANKAJINI JENA	Students	Ignou at kendrapara Auto	1st Year	Arts	2108604895	8144153469
4/14/2022 17:12:35	suajameher1677@gmail	SUJATA MEHER	Students	NSCB College Sambalpi,	1st Year	Arts	2109222027	9348266763
4/14/2022 18:57:19	smila.bliswal1966@gmail	Smita Bliswal	Reader	Sri sahya sai college for women	Bhubaneswar			9437227979
4/14/2022 20:02:23	jhunibishi7@ggmail.com	JHUNI BISHI	Students	College	1st Year	Arts	BA21-005	7855804117
4/14/2022 20:48:58	subashocio@gmail.com	DR. SUBAS CHANDRA S	Lecturer	KHARASROTA MAHAVIDYALAYA, SINGHPUR, JA,	Arts			8984141216
4/14/2022 21:39:07	archanabarik007@gmail.c	ARCHANA BARIK	Students	Kharasrota mahavidyalay	3rd Year	Arts	BA19-110	8260668728
4/14/2022 22:16:35	priyankapatra524@gmail	PRIYANKA PATRA	Students	Kharasrota Mahavidyal	3rd Year	Arts	BA19-071	7846981671
4/15/2022 0:16:24	sandhyasandhya1631@g	SANDHYARANI SAHOO	Students	Sambalpur University	2nd Year	Arts	12	8455831595
4/15/2022 4:15:54	bhabanisocio2013@gmai	BHABANI PRASAD PANI	Lecturer	Birupa college,Indupur		Arts		9437439565
4/15/2022 15:41:56	rojsahu2005@gmail.com	ROJI SAHU	Students	Government women's col	2nd Year	Arts	BA20-076	6371277526

Timestamp	Email Address	Full Name (in Capital Lett	Designation	Institution/ College/ Unive	Class (for Students only)	Stream	College Roll No (for Stud	Mobile No.
4/16/2022 10:45:09	archananayak506@gmail	ARCHANA NAYAK	Students	Barapara degree college	2nd Year	Arts	BA20-048	7377157490
4/16/2022 10:45:22	ratikantasahoo107@gmai	RATIKANTA SAHOO	Students	BADAPADA DEGREE MA	3rd Year	Arts	BA19-49	6370198539
4/16/2022 10:47:43	rojalinathnitu@gmail.co	Rojalini Nath	Students	Sambalpur University	1st Year	Arts	28	7077616967
4/16/2022 10:50:05	sarmilamajhi195@gmail.c	SARMILA MAJHI	Students	Sambalpur University	1st Year	Arts	04	8458070401
4/16/2022 11:00:00	praneeta2018@gmail.com	PRANEETA MOHANTY	Students	Sambalpur University	1st Year	Arts	09	7327832477
4/16/2022 11:09:41	pandasadash5@gmail.co	Adarsha panda	Students	Sambalpur University, Jyc	2nd Year	Arts	1	6370667464
4/16/2022 11:12:54	utkatharpal619@gmail.co	Utkal Harpal	Students	Sambalpur University	2nd Year	Arts	16	6370967167
4/16/2022 11:14:34	mitaranisubudhi99@gmai	MITARANI SUBUDHI	Students	Sambalpur university	2nd Year	Arts	18S20S010	8117807691
4/16/2022 11:21:02	rakesh.das.rd999@gmail	RAKESH DAS	Students	Sambalpur University san	2nd Year	Arts	18S20S017	8249536117
4/16/2022 13:54:13	dasharatha41@gmail.com	DASHARATHA KISAN	Students	Sambalpur University jyot	1st Year	Arts	05	8018557034
4/16/2022 14:01:41	beautiasminz@gmail.com	Beautias minz	Students	Sambalpur University Jyo	1st Year	Arts	SOC04	9078769157
4/16/2022 14:13:54	lipikapika123@gmail.com	LIPIKA DAS	Students	SAMBALPUR UNIVERSIT	1st Year	Arts	20	7327969687
4/16/2022 17:50:31	sandeepkullu16@gmail.co	SANDEEP SAGAR KULL	Research Scholar	Sambalpur University				8280666248
4/17/2022 14:19:05	sumitudu40@gmail.com	SUMI Tudu	Students	Model degree college, son	1st Year	Arts	BA21039	7609005966
4/17/2022 14:52:50	chakrabartysourav0@gm	SOURAV CHAKRABART	Students	Badapada degree mahavi	3rd Year	Arts	29	6144664762
4/18/2022 11:07:43	excellentsaraja@gmail.co	SAROJAKANTA NAYAK	Lecturer	Pattamunda College				9583371671





**ପଞ୍ଚାମୃତ୍ୟୁର କଲେଜରେ
ଆଭାସି ସମ୍ପାଦ**

ପଞ୍ଚାମୃତ୍ୟୁର, ୧୯୩୪ (ନି.ପ୍ର):
 ପଞ୍ଚାମୃତ୍ୟୁର କଲେଜ ସମାଜସଂଗଠନ
 ବିଭାଗ ଓ ଆଇଡ୍ୟୁଏସିର ମିଳିତ
 ଆହ୍ୱାନରେ କେଳେରାଇ
 ସୋସାଇଟି ଓ କଲେଜ ଶାଖିକ
 ସମାଜ କଲେଜ ଅଧିକ ପ୍ରତ୍ୟେକ
 ପ୍ରକାରର ଉପକରଣ ପୈତୃକତାରେ
 ଅନୁଷ୍ଠିତ ହୋଇପାରିବ। ସମସ୍ତଙ୍କୁ
 ବିଶ୍ୱସ୍ତ୍ୟାସରେ ପ୍ରତ୍ୟେକ ତ.
 ଦକ୍ଷିଣାପା ପାଇବା, ଗୁରୁପାଠ
 ଦାୟ ବିଶ୍ୱସ୍ତ୍ୟାସରେ ଆକର୍ଷଣ
 ପ୍ରତ୍ୟେକ ତ ନୀଳକଣ୍ଠ ପାଣିଗ୍ରାହୀ
 ଭିତ୍ତର ସମାଜର ଉପରେ ମହାମତ
 ରଖୁଥିଲେ। ବିଭାଗୀୟତା
 ବ୍ୟାପନେ ମନୋହ ପରିତା ଅଧିକ
 ପରିଚୟ ପ୍ରଦାନ କରିଥିଲେ। ଏହି
 କାର୍ଯ୍ୟକୁ ଆଇଡ୍ୟୁଏସି ସଂଗଠନ
 ତ ଦୁର୍ଲଭ ହୁଏତ ପ୍ରଧାନ, ବିଚାର
 ମଣ୍ଡଳ, ଶୁଭାଶିଷ ମିଶ୍ର ପରିଚାଳନା
 କରିଥିଲେ। ପ୍ରଧାନ ତ ନୀଳକଣ୍ଠ
 ରେଣୁ, ତ ପ୍ରୋଫେସର ଶାନ୍ତି, ତ
 ପୁଣ୍ୟପତ ପରିତା, ଅନନ୍ତ ପାଣି,
 ସତ୍ୟଜିତ ନାଥ ପ୍ରମୁଖ ସହଯୋଗ
 କରିଥିଲେ। ପ୍ରଧାନ ତ ରଞ୍ଜିତ
 କେଶରୀ ସେନାପତି ଅନ୍ୟାନ୍ୟ
 ସେଇଥିଲେ।

କଲେଜରେ ଡ୍ରେସିଂନାର

ପଞ୍ଚାମୃତ୍ୟୁର, ୧୯୩୪ (ନି.ପ୍ର):
 ପଞ୍ଚାମୃତ୍ୟୁର କଲେଜ ସମାଜସଂଗଠନ
 ବିଭାଗ ଓ ଆଇଡ୍ୟୁଏସି ପକ୍ଷରୁ କଲେଜ
 ଉପକରଣ ଆଣ୍ଡ ସର୍ଭିସ ଶାଖିକ ଏକ
 କାର୍ଯ୍ୟକ୍ରମର ଆରମ୍ଭ ହେଉଛି।
 କଲେଜ ଅଧିକ ପ୍ରତ୍ୟେକ
 ପ୍ରକାରର ଉପକରଣ ପୈତୃକତାରେ
 ଅନୁଷ୍ଠିତ ହେଉଛି। ଏହାକୁ ସମସ୍ତଙ୍କୁ
 ବିଶ୍ୱସ୍ତ୍ୟାସରେ ଆକର୍ଷଣ ଦେବା
 ପ୍ରତ୍ୟେକ ତ ନୀଳକଣ୍ଠ ପାଣିଗ୍ରାହୀ
 ଓ ଗୁରୁ ପାଠ ଦାୟ ବିଶ୍ୱସ୍ତ୍ୟାସରେ
 ରଖିବା ପ୍ରତ୍ୟେକ ତ ନୀଳକଣ୍ଠ
 ପାଣିଗ୍ରାହୀ ଭିତ୍ତର ସମାଜର
 ଉପରେ ମହାମତ ରଖୁଥିଲେ। ପ୍ରଧାନ
 ତ ପୁଣ୍ୟପତ, ତ ନୀଳକଣ୍ଠ
 ରେଣୁ, ତ ପ୍ରୋଫେସର ଶାନ୍ତି,
 ପ୍ରୋଫେସର ଶାନ୍ତି, କେଶରୀ
 ପ୍ରମୁଖ ସହଯୋଗ କରିଥିଲେ। ବିଭାଗୀୟ
 ପ୍ରକାର ବ୍ୟାପନେ ମନୋହ ପରିତା
 ଅଧିକ ପରିଚୟ ପ୍ରଦାନ କରି କାର୍ଯ୍ୟକୁ
 ଆଇଡ୍ୟୁଏସି ସଂଗଠନ
 ତ ଦୁର୍ଲଭ ହୁଏତ ପ୍ରଧାନ, ବିଚାର
 ମଣ୍ଡଳ, ଶୁଭାଶିଷ ମିଶ୍ର ପରିଚାଳନା
 କରିଥିଲେ। ପ୍ରଧାନ ତ ରଞ୍ଜିତ
 କେଶରୀ ସେନାପତି ଅନ୍ୟାନ୍ୟ
 ସେଇଥିଲେ।

The 'Sancija'
 20. 4. 22

The 'Pragati Vadi'
 20. 4. 22