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**St Aloysius College (Autonomous)  
Mangaluru**

**Semester I – P.G. Examination – M.A. ECONOMICS  
November /December -2023**

**MICRO ECONOMIC ANALYSIS**

Time: 3 Hours

Max. Marks: 70

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SECTION - A

**Answer any TWO questions of the following: (2x15=30)**

1. Explain Marshallian demand function.
2. Explain the characteristics of short-run cost curves and long-run cost curves, in perfect competitive market.
3. Compare and contrast the concept of an Isocost Line with an Isoquant in microeconomics.

**SECTION – B**

**Answer any FOUR questions of the following: (4x6=24)**

4. Explain the kinked demand model in context with theory of market.
5. Explain translog production function.
6. Analyze a real-world example where a firm utilizes a VES production function and discuss how variations in elasticity affect production and cost decisions.
7. Critically evaluate the assumptions and limitations of the Bertrand Model in explaining firms' competition and market outcomes.
8. Analyze a situation where a consumer's observed choices violate the axioms of Revealed Preference Theory. What does this suggest about their preferences or decision-making process?
9. Explain the concept of moral Hazard and Adverse Selection.

**SECTION – C**

**Answer any FOUR questions of the following: (4x4=16)**

10. Explain the concept of "Preference ordering".
11. Explain the concept of "Consumer welfare"
12. Why perfectly competitive firm has a horizontal demand curve?
13. Evaluate Modern theory of costs in microeconomics.
14. Illustrate Revenue curves under perfect competition.
15. What is Monopolistic competition?

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**Semester I – P.G. Examination – M.A. ECONOMICS**

**November /December - 2023**

**DEVELOPMENT ECONOMICS**

Time: 3 Hours

Max. Marks: 70

**SECTION - A**

**Answer any TWO questions of the following: (2x15=30)**

1. "Economic development is the process, whereby the real per capita income of the country increases over a long period of time." Discuss Meier's contribution in this direction.
2. Evaluate the implications of embodied and disembodied technical progress for economic policy and competitiveness in the global economy.
3. Examine the factors that influence agricultural efficiency and productivity. How can governments and farmers enhance agricultural output while minimizing resource use and environmental impact?

**SECTION - B**

**Answer any FOUR questions of the following: (4x6=24)**

4. Analyze the complex interactions between population growth, poverty, and environmental degradation.
5. Explain actual growth rate in Harrod growth model.
6. Differentiate between organized and unorganized money market in the modern sector.
7. Reflect on the future of industrialization in developing countries, considering the balance between economic growth, employment generation, and environmental preservation.
8. Explain the economic functions of market and state.
9. Discuss Rostow's stages of economic growth.

**SECTION - C**

**Answer any FOUR questions of the following: (4x4=16)**

10. Explain Harrod Neutrality
11. What is the nature of labor market in developing countries?
12. Explain Golden age by Joan Robinson.
13. Write a note on unbalanced growth.
14. Explain service sector and its importance in an economy.
15. What are the reasons for changes in agricultural productivity?

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Semester I – P.G. Examination – M.A. ECONOMICS  
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**STATISTICAL TECHNIQUES FOR ECONOMIC ANALYSIS**

Time: 3 Hours

Max. Marks: 70

**SECTION - A**

Answer any **TWO** questions of the following: (2x15=30)

1. Explain the concept of data collection and discuss the various approaches to collecting data.
2. Draw a Lorenz curve for the following:

Wages (₹)	No. Of Workers	
	A	B
50-70	20	150
70-90	15	100
90-110	20	90
110-130	25	110
130-150	20	50

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3. The following data relate to the age of 10 employees and the number of days they were reported sick in the month.

Calculate Karl Pearson's coefficient of correlation and interpret it.

Age (X)	30	32	35	40	48	50	52	55	57	61
Days of Sick (Y)	1	0	2	5	2	4	6	5	7	8

**SECTION - B**

Answer any **FOUR** questions of the following: (4x6=24)

4. Explain the defining qualities of statistics?
5. Imagine you are an economist analyzing income data for two countries. How would you use measures of dispersion like the coefficient of variation to compare income inequality between these nations?
6. Name the two types of probability events and provide examples for each.
7. What is an estimator? Explain the properties of a good estimator.
8. Explain the types of sample Design.
9. Calculate Karl Pearson's Coefficient of Skewness.

<b>C.I</b>	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
<b>Frequency</b>	4	8	10	15	13	8	7	5

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## SECTION - C

Answer any **FOUR** questions of the following:

(4x4=16)

10. State the importance of coefficient of determination.
11. Calculate the coefficient of rank correlation from the following data.

R1	8	4	7	6	2	1	5	3
R2	6	4	8	5	1	2	8	4

12. Calculate the Mean, Median and Mode from the following.  
57, 58, 61, 42, 38, 65, 72, 66, 42, 30
13. How do economists use statistics to understand inflation trends?
14. Find out the value of quartile deviation and its coefficient from the following data.

X	2000	2800	4000	1200	3000	1500	5000
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15. Find the median from the following data

Mean = 30 Mode = 35

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**Semester I – P.G. Examination – M.A. ECONOMICS  
November / December - 2023**

**ENVIRONMENTAL ECONOMICS**

**Time: 3 Hours**

**Max. Marks: 70**

**SECTION - A**

**Answer any TWO questions of the following: (2x15=30)**

1. Discuss the total economic process as a physically balanced flow between inputs and outputs by using material balance Model.
2. Discuss the significance of the economics of natural resources in addressing global sustainability challenges. Provide examples from different resource categories.
3. Assess the policy implications of research conducted using hedonic property value model and highlight their potential to inform sustainable land use and conservation strategies.

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**SECTION - B**

**Answer any FOUR questions of the following: (4x6=24)**

4. What are the various bargaining problems projected by Coase?
5. Explain the concept of rational self-interest and its role in individual decision-making in the Prisoner's Dilemma.
6. Explain how market failures are addressed in environmental economics.
7. Discuss the concept of environmental institutions and their diverse roles in environmental conservation.
8. Distinguish between renewable and non-renewable resources.
9. Describe the role of economic, social, and environmental pillars in sustainable development, emphasizing the need for their integration and balance.

**SECTION - C**

**Answer any FOUR questions of the following: (4x4=16)**

10. What is sustainable yield?
11. Define option values.
12. What is social forestry and why it is important?
13. Explain the implications of tradable pollution permits.
14. Write a note on environmental regulation in India.
15. Explain the inter-linkages between economy, environment, and ecology.

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**St Aloysius College (Autonomous)****Mangaluru****Semester I – P.G. Examination – M.A. ECONOMICS****November /December - 2023****PRINCIPLES OF BANKING****Time: 3 Hours****Max. Marks: 70****SECTION - A****Answer any TWO questions of the following: (2x15=30)**

1. What is a commercial Bank? Explain the primary and secondary functions of a commercial Bank.
2. Explain the banker customer relationship.
3. Evaluate the impact of EFT systems on traditional banking institutions.

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**SECTION – B****Answer any FOUR questions of the following: (4x6=24)**

4. Explain the evolution and history of banking in India.
5. Explain the structure of assets and liabilities of commercial bank.
6. Describe the steps a bank can take to recover NPAs effectively.
7. How does diversification helps to mitigate the concentration of risk in a credit portfolio?
8. Suppose you are an NRI, planning to open a bank account in India. Based on your financial goals and requirements, which type of NRI account would you choose, and why?
9. Explain the special types of banker's customers.

**SECTION – C****Answer any FOUR questions of the following: (4x4=16)**

10. Differentiate between SWIFT and CHIPS.
11. Explain the limitations of e-banking.
12. Highlight the factors determining the creditworthiness of a borrower.
13. Write a short note on garnishee order.
14. State the pros and cons of Electronic Core Banking
15. Differentiate between Branch banking and Unit banking

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