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**St Aloysius College (Autonomous)
Mangaluru**

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

MONETARY ECONOMICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. Explain Keynes liquidity preference theory.
2. Evaluate the framework of IS-LM analysis.
3. Explain the concept of RBI's measure of money supply.

SECTION - B

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

4. Explain Boumol's square root law.
5. Illustrate how changes in investor preferences for liquidity or interest rates could affect portfolio decisions in Tobin's model.
6. Illustrate how changes in central bank policy rates can impact inflation expectations and exchange rates.
7. Explain Wicksell's monetary growth.
8. Evaluate the effectiveness of central bank policies in managing the money supply in exogenous and endogenous money environments.
9. Explain the concept of "Liquidity Trap" in Monetary economics.

SECTION - C

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

10. Explain the role of central banks in controlling nominal interest rates through monetary policy.
11. Explain the short-run and long-run Phillips Curves in relation to the acceleration hypothesis.
12. Illustrate Key components and assumptions of the Hicksian model.
13. Explain the Ideas behind an "overlapping generations model".
14. What is value of money?
15. Explain the Schumpeter's Business cycle model.

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ECONOMETRICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

(2x15=30)

1. "Could you provide a step-by-step explanation of the Ordinary Least Squares (OLS) method for estimating parameters in a simple regression model?"
2. "When heteroscedasticity is detected, what are the potential consequences for regression analysis, and how might it lead to unreliable parameter estimates or incorrect inferences?"
3. Given the following macro-model of income determination

$$C_t = a_0 + a_1 Y_t + a_2 T + u$$

$$I_t = b_0 + b_1 Y_{t-1} + v$$

$$T_t = c_0 + c_1 Y_t + w$$

$$Y_t = C_t + I_t + G_t$$

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- a) Define the endogenous and exogenous variables.
- b) Examine the identification state of the three behavioral equations.
- c) Show that if we impose the restriction $a_1 = a_2$, the consumption function becomes identified.

SECTION - B

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

(4x6=24)

4. The following summary are obtained from a set of 7 observations relating to the relationship between the yield of paddy (Y), the input of fertilizer (X_1) and rainfall (X_2) in a certain field. $\sum Y = 420$, $\sum X_1 = 280$, $\sum X_2 = 140$, $\sum Y^2 = 1150$, $\sum X_1^2 = 2800$, $\sum X_2^2 = 400$, $\sum X_1 Y = 600$, $\sum X_2 Y = 600$, $\sum X_1 X_2 = 700$. Regress the yield of paddy on fertilizer used and rainfall.
5. In a saving function study involving five families, the following are the data on their annual saving and disposable income. Construct a saving model. Comment on the result.

Income (X)	10	15	20	25	30
Savings (Y)	5	7	8	10	15

6. Explain ANOVA and ANCONA model
7. Explain method of instrumental model
8. Combination of Adaptive expectations and partial adjustment model
9. Examine generalized least square methods

SECTION - C

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

(4x4=16)

10. "What mathematical concepts and techniques are commonly used in econometrics, and how do they contribute to the field?"
11. Explain errors of measurement.
12. Explain Dummy Variable Trap.
13. Explain the reasons for lags.
14. Explain the Durbin Watson Model.
15. Explain the nature of simultaneous equations

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St Aloysius College (Autonomous)**Mangaluru****Semester III – P.G. Examination – M.A. ECONOMICS****November /December - 2023****HEALTH ECONOMICS**

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SECTION - A**Time: 3 Hours****Max. Marks: 70****Answer any TWO questions of the following: (2x15=30)**

1. Define health and explain the nature of health economics.
2. Examine the monopolistic market for health.
3. Compare and contrast the strengths and weaknesses of the public and private sectors in healthcare delivery and their impact on equity.

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

4. Describe the economic challenges and opportunities associated with healthcare delivery in both developed and developing countries.
5. Distinguish between chronic illness and acute illness.
6. Explain the rationale for public investment in health, considering economic and social perspectives.
7. Analyze the challenges faced by urban healthcare systems in India and propose solutions.
8. Explain the supply of health care.
9. Explain the dimensions of food security.

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

10. Define health care financing.
11. Explain alternative payment systems in healthcare.
12. Write a note on malnutrition in India.
13. What do you mean by gender discriminations in health?
14. Explain total fertility rate and its importance.
15. State the role of NGO's in health care.

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Semester III – P.G. Examination – M.A. ECONOMICS

November /December - 2023

LABOUR ECONOMICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. Elucidate the concept of optimal employment in the context of the labour market. Why it is important for both individuals and overall economy?
2. Compare and contrast the adjustment costs associated with layoffs and workforce training. Which approach may be more cost-effective for a company facing a sudden drop in demand?
3. What do you mean by labour turnover? Explain the trends, causes and methods to reduce the labour turnover in India.

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SECTION – B

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

4. Explain the effects of anti-discrimination policies in the work place.
5. Why are sunk costs considered irrelevant in making future business decisions? Explain.
6. How capital shortage leads to unemployment? Explain the role of investment to reduce unemployment.
7. Describe the role of discrimination and bias in the labour market assimilation of immigrants.
8. Describe the income and substitution effects when wages increase. How do these effects collectively impact the labour supply curve?
9. How do different household family models affect the distribution of household chores and responsibilities?

SECTION – C

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

10. Explain the Collective bargaining Theory.
11. Briefly explain the Marginal Productivity Theory.
12. What are the pull and push factors which influence Labour migration.
13. Write a short note on Cost Irreversibility.
14. What are the main factors that Influence the demand for labour in a market?
15. Explain the modern Theory of wage determination.