

PH 111.2

Reg. No. :

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

St Aloysius College (Autonomous)  
Mangaluru

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

July/August - 2022

**MACRO ECONOMIC ANALYSIS**

Time: 3 Hours

Max. Marks: 70

**SECTION - A**

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

(2x15=30)

1. Analyse classical theory of employment.
2. Examine life cycle hypothesis of consumption.
3. Critically explain the real business cycle theory.

**SECTION - B**

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

(4x6=24)

4. Explain the national income accounting methods.
5. Explain Absolute Income Hypothesis.
6. Briefly explain the financial theory of investment.
7. Explain the Rational Expectations theory.
8. Explain Laffer curve with a suitable diagram.
9. Examine the Efficiency Wages Theory.

**SECTION - C**

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

(4x4=16)

10. Explain the concept of GDP deflator.
11. Write a note on FRB-MIT Model.
12. What is internal rate of return?
13. Bring out the significance of supply side economics.
14. Write a short note on monetary policy.
15. Write a note on budget constraints.

\*\*\*\*\*

PH 112.2

Reg. No. :

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

St Aloysius College (Autonomous)

Mangaluru

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

July/August - 2022

**MATHEMATICAL TECHNIQUES FOR ECONOMIC ANALYSIS**

Log table and Graph sheet will be provided

Time: 3 Hours

Max. Marks: 70

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

1. If demand function is  $q_d = 80 - 12p$  and the supply function is  $q_s = 15 + 5p$ , find market equilibrium. If the government imposes a specific tax of ₹2 on the commodity find new market equilibrium values. Compute producer's and consumer's share in tax. Justify your result on the graph.
2. The firm produces two products  $q_1$  and  $q_2$  at prices ₹ 20 and ₹25 respectively. The cost function of firm is  $C = 4q_1^2 + 2q_2^2 + 4q_1q_2$ . Find equilibrium values of profit,  $q_1$  and  $q_2$ .
3. Describe the uses of matrix algebra in economic analysis and solve the following simultaneous equations by using Cramer's rule:

$$\begin{aligned} P_1 + 3P_2 + P_3 &= 37 \\ 3P_1 + 2P_2 &= 79 \\ 2P_1 + 3P_2 + 5P_3 &= 76 \end{aligned}$$

**SECTION - B**

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

4. Examine the advantages of mathematics in economic analysis with examples.
5. Compute the equilibrium level of national income and consumption for the following equations:  
 $Y = C + I_o + G_o$   
 $C = 100 + 0.70Y$   
 $I_o = 400 \quad G_o = 280$
6. If ₹40,000 deposited into a bank account at the annual interest rate of 10 per cent compounded quarterly. Calculate the amount in the account after 8 years.
7. Pareto's law of distribution of income is given as

$$N = \frac{8 \times 10^7}{x^{3/2}}$$

- a. How many people have income exceeding ₹1600?
- b. How many people have an income between ₹1600 to ₹3600?
- c. What is the lowest income of the 800 richest persons ?

PH 112.2

8. If  $TFC = ₹ 1,00,000$ ,  $AVC = ₹ 3$ , price = ₹ 20

Find out:

1. Break Even Quantity
2. Break Even Sales
3. How much a firm should produce to earn profit of Rs.30,000?

9. Maximize the objective function

$$Z = 250x + 75y$$

Subject to

$$5x + y \leq 100$$

$$x + y \leq 60$$

$$x \geq 0, y \geq 0$$

ST. ALOYSIUS COLLEGE  
 P. O. LIBRARY  
 MANGALORE-575 004

### SECTION - C

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

(4x4=16)

10. Differentiate linear and non-linear functions and explain their applications in Economics.
11. If the Demand function is  $D=250-3P$ 
  - a. What is the Demand when commodity is free?
  - b. What is the highest price anyone would pay for the commodity.
  - c. Find the quantity demanded if price is Rs.25
12. Total cost function is  $TC=8x^3 + 4x^2 + x + 9$   
 Find Average and Marginal cost functions. Calculate average cost and Marginal cost at  $x=2$
13. Explain the properties of determinants.
14. What is optimization? Examine its need in Economics.
15. Write a note on integral calculus and its application in Economics.

\*\*\*\*\*

PH113.2

Reg. No. :

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|

St Aloysius College (Autonomous)

Mangaluru

Semester II - P.G. Examination - M.A. ECONOMICS

July/August - 2022

**INTERNATIONAL ECONOMICS**

Max. Marks: 70

Time: 3 Hours

**SECTION - A**

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

(2x15=30)

1. Analyse the impact of increases in factor supply using the Rybczynski theorem.
2. Describe the Neo - Heckscher Ohlin model of intra industry trade.
3. Explain the causes of disequilibrium in balance of payments. Suggest measures to correct it.

**SECTION - B**

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

(4x6=24)

4. Write a note on Leontief Paradox.
5. Explain the reciprocal dumping model of intra industry trade.
6. Comment on 'immiserizing growth'
7. Explain the foreign trade multiplier.
8. Discuss the non-tariff barriers.
9. Explain trade creation and trade diversion in customs union.

**SECTION - C**

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

(4x4=16)

10. Briefly explain Stolper-Samuelson theorem.
11. Write a note on economic integration.
12. Write a note on trade and technical progress.
13. What is intra-industry trade?
14. What is imitation gap?
15. Write a note on the import function.

\*\*\*\*\*

PS 114.2

Reg. No. :

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

**St Aloysius College (Autonomous)**

**Mangaluru**

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

**July/August - 2022**

**FINANCIAL INSTITUTIONS AND MARKETS**

**Time: 3 Hours**

**Max. Marks: 70**

**SECTION - A**

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

1. Describe the role and structure of financial system.
2. Explain the role, organization and importance of stock exchanges.
3. Examine the recommendations of Narasimham Committee Report.

**SECTION - B**

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

4. Analyse the Indian preparedness to full convertibility of capital account.
5. Explain the features of treasury bills, commercial bills, commercial papers and certificate of deposits.
6. Explain the role of SEBI in regulating capital markets.
7. Briefly explain the methods of constructing share price indices.
8. Analyse the reforms in international monetary system.
9. Explain the trading mechanism in NSE.

**SECTION - C**

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

10. Write a note on bank mergers with suitable examples.
11. Differentiate between primary and secondary market.
12. Distinguish between factoring and forfaiting.
13. List the features of money market mutual funds.
14. What are the factors influencing consumer finance?
15. Write a note on financial intermediaries.

\*\*\*\*\*

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

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

July/August - 2022

**RESEARCH METHODOLOGY AND ETHICS**

Time: 3 Hours

Max. Marks: 70

**SECTION - A**

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

1. Examine the objectives and features of social science research.
2. What do you mean by research design? Highlight its main component.
3. Describe the intellectual honesty and integrity in research.

**SECTION – B**

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

4. What are the characteristics of research?
5. Explain the major steps in research.
6. How do you select sampling techniques?
7. Explain briefly the various types of hypotheses.
8. What are the various precautions to be taken while writing a research report?
9. Explain the IPR issues in social sciences

**SECTION – C**

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

10. What is data processing?
11. Why should a researcher need reviewing of the literature?
12. Distinguish between schedule and questionnaire.
13. What are the fundamental ethical issues in research practices and publications?
14. Explain the purpose of bibliography.
15. What do you mean by impact factor of a journal?