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St Aloysius College (Autonomous)

Mangaluru

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

May/June - 2023

MACRO ECONOMIC ANALYSIS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. Analyse the equilibrium in the labour market according to classical theory.
2. Assess the modern approach to consumption.
3. Explain the key tenets of rational expectations theory and its practical significance.

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SECTION - B

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

4. What is the difference between nominal and real GDP? Given private income of ₹ 83111 crore, undistributed corporate profit of ₹ 464 crore, corporation tax of ₹ 1251 crore, and direct taxes paid by households of ₹ 2100 crore, how can you calculate personal income and personal disposable income?
5. Analyse Life Cycle Hypothesis of consumption.
6. Bring out the relationship between MEC and MEI.
7. Briefly explain the neoclassical approach to fixed investment.
8. Explain the features of supply side economics
9. Critically analyse the small menu cost model.

SECTION - C

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

10. Give the meaning of GDP deflator.
11. Write a note on the consumption puzzle.
12. Define the term budget constraint.
13. Briefly explain the Barro-Ricardian equivalence theorem.
14. What are the features of New Keynesian economics?
15. How is monetary policy utilised as a tool for stabilisation?

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MATHEMATICAL TECHNIQUES FOR ECONOMIC ANALYSIS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. What is mathematical economics? Explain the role and advantages of mathematics in economics.
2. If the demand and supply functions for a certain commodity are:
 $D = 20 - 2P$
 $S = -4 + 3P$
 - a) Determine equilibrium values of price and quantity.
 - b) What happens to these values when a specific subsidy of Re 1 is given to the producer?
 - c) What is the subsidy or loss of revenue to the government?
 - d) How is the subsidy shared between the producer and consumer?
3. Solve the following equations using Cramer's rule.

$$3x_1 + x_2 - x_3 = 2$$

$$x_1 - 2x_2 + x_3 = -9$$

$$4x_1 + 3x_2 + 2x_3 = 1$$

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SECTION - B

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

4. What is a variable? Explain the types of variables.
5. Pareto's law of income distribution for a particular group is given by:

$$N = \frac{216 \times 10^{10}}{X^{1.5}}$$

Find out,

- i) How many people are millionaires?
 - ii) How many people have income between ₹ 36,000 and ₹ 1,00,000?
 - iii) What is the lowest income of the 80 people with the highest income?
6. For the following demand and supply function obtain equilibrium price and quantity.
 $D = 20 - 5P - P^2$
 $S = 6P^2 + 5P - 5$
 7. The Demand function is $Y = 16 - x^2$ and the Supply function is $Y = 2x + 1$, where y refers to price and x represents quantity. Find consumer's surplus and producer's surplus under pure competition.

Contd...2

8. National income components are given below
 $C=150+0.8Y$; $I=100+0.1Y$ and $G=300$
Determine the national income, consumption, investment and saving function and value of multiplier.
9. What do you mean by matrices? Explain the types of matrices.

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

10. Give the meaning of function with suitable examples.
11. When the price of a certain commodity is ₹200/-, 200 units were supplied. When the price is increased by ₹100/- quantity supplied is doubled. Derive the supply function.
12. The city road lines, which carry passenger at the fare of ₹ 750/-. Variable cost per unit is ₹100/-. Fixed cost is ₹ 85,00,000/-. Find out the BEP.
13. A firm has the demand function $D = 60-2P$.
Find out:
(i) The AR function
(ii) The TR function and
(iii) MR function
14. Find out the present value or discounted value of an amount of money of ₹10,000/- receivable after 5 years if the corresponding rate of interest is 10%.
15. Write a note on Integral Calculus.

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INTERNATIONAL ECONOMICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. International trade brings about equalization of both the product prices and factor prices. Discuss.
2. "As trade has brought down the price of all available varieties, it is difficult to say whether consumers are better off now". Why Neo-Hotelling model reach such a conclusion?
3. "A beneficial customs union would be one which involves less of trade diversion and more of trade creation"- Examine the statement through general equilibrium analysis of customs union.

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SECTION – B

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

4. How the welfare effect of a quota is identical to those of a tariff?
5. Equilibrium level of income will be when there is equality between AD and AS. Explain.
6. Define a foreign exchange market and explain the determinants of foreign exchange rate.
7. What is technical progress? Explain the effect of capital- saving technical progress
8. Explain Linder's demand hypothesis.
9. Explain the effect of tariff on domestic prices by using Metzler paradox.

SECTION – C

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

10. Explain the TOT effects of tariffs.
11. What do you mean by disequilibrium in balance of payments?
12. Explain Prebisch-Singer hypothesis.
13. Briefly explain the product cycle theory.
14. What is horizontal product differentiation?
15. How offer curves determine terms of trade?

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

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FINANCIAL INSTITUTIONS AND MARKETS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. Explain the structure of financial system. What are its components?
2. What do you mean by money market? Explain the various instruments of money market.
3. Elucidate the role and importance of stock exchanges.

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SECTION - B

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

4. Briefly explain the concept of equilibrium in financial market
5. Explain the characteristics and importance of developed money market.
6. What is factoring? Explain the different types of factoring.
7. Explain the procedure of listing of securities in stock exchanges in India.
8. Describe the role Securities Exchange Board of India.
9. Analyse the implementation of Narasimhan committee recommendations regarding banking in India.

SECTION - C

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

10. Explain the concept of financial intermediation and financial intermediaries.
11. Explain the levels and determinants of interest rate.
12. Briefly explain the share price indices.
13. Write a note on government securities market.
14. Briefly explain the concept of capital account convertibility.
15. Write a note on bank mergers and consolidation.

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RESEARCH METHODOLOGY AND ETHICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

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

1. Discuss the meaning, definition, objectives and need of 'research'.
2. "While deciding the method of data collection to be used for the study, the researcher should keep in mind two types of data". Explain.
3. Describe various steps in writing research report.

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SECTION – B

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

4. Differentiate between deductive and inductive reasoning.
5. Explain the purpose of review of literature and how to conduct it in research?
6. Explain different 'complex' random sampling designs.
7. What are the various steps involved in interpretation?
8. Explain meaning and features of scholarly article.
9. How tables, diagrams, charts and maps are useful in research?

SECTION – C

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

10. What is a construct?
11. Explain qualitative research.
12. Write a note on various research reports.
13. Explain case study method.
14. What is scientific method?
15. Explain the meaning of intellectual honesty.
