

M.A. DEGREE EXAMINATION – 2019

FIRST SEMESTER

ECONOMICS

PAPER – I: MICRO ECONOMIC ANALYSIS - I

Time: 3 Hrs

Max. Marks: 80

SECTION – A

Answer any FOUR Questions

(4 x5=20)

Each Question Carries 5 Marks

1. Show how the indifference curve analysis is superior to cardinal utility theory.
2. Distinguish between income effect and substitution effect.
3. Define return to scale. Explain the different types of returns to scale.
4. Explain the Cobb- Douglas Production function.
5. Explain the features of Perfect Competition.
6. What is price discrimination? When it is possible and profitable?
7. How is Kinked demand curve help in explaining price rigidity under oligopoly?
8. Explain price and output determination in bilateral monopoly.

SECTION-B

Answer ALL Questions

Each Question Carries 15 Marks

(4x15 = 60)

9. (a) Describe the uses of different types of elasticity of demand .
(or)
(b) Critically discuss revealed preference theory of consumer's behaviour.
(or)
10. (a) What are Isoquants? Explain their characteristics and uses in production theory.
(or)
11. (a)Examine Chamberlin's approach to the equilibrium of the firm under monopolistic Competition.
12. (a) Explain different types of price leadership and price – output determination under Price leadership. (Or)
(b) Explain price – output determination under monopoly.

M.D. Banerjee
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K. Varshney

M.A. DEGREE EXAMINATION 2019
FIRST SEMESTER
ECONOMICS

PAPER – II: MACRO ECONOMIC ANALYSIS

Time: 3 Hrs

Max. Marks: 80

SECTION – A

Answer any FOUR Questions
Each Question Carries 5 Marks

(4x5=20)

1. Write about the concept of Input- Out accounting.
2. Discuss the uses in estimating National Income.
3. Explain the importance of Consumption function.
4. Analyze the income – consumption relationship.
5. Examine the Acceleration theory of investment.
6. Outline the importance of Marginal efficiency of investment.
7. Critically analyze the classical theory of employment
8. Explain the basic features of Supply side Economics.

SECTION-B

Answer ALL Questions
Each Question Carries 15 Marks

(4x15= 60)

9. (a) Write about the different methods of estimating National Income.
(or)
(b) Analyze the Circular flow of income in three sector economy.
10. (a) Critically outline the Keynesian theory of consumption function.
(or)
(b) Discuss the importance of permanent income Hypothesis.
11. (a) Elucidate the differences theories of Investment.
(or)
(b) Analyze the differences between multiplier and super multiplier.
12. (a) Explain the basic features of classical and Keynesian synthesis.
(or)
(b) Briefly outline the significance of Neo- classical theory of Rational Expectations.

M.D. Banerjee
Principal

Deputy Principal

H. Banerjee

M.A. DEGREE EXAMINATION – 2019
FIRST SEMESTER
ECONOMICS
PAPER – III: PUBLIC ECONOMICS

Time : 3 Hrs

Max. Marks: 80

SECTION – A

Answer any FOUR Questions
Each Question Carries 5 Marks

(4x5=20)

1. Explain the differences among public goods, merit goods and private goods.
2. Write about the basic differences between public Finance and Private Finance.
3. Elucidate the characteristics of Good Tax System.
4. Analyze about the issues relating to structure of tax rates.
5. Outline the importance of various non – tax resources.
6. Explain the difference between direct and indirect taxes.
7. Write about the determinants of public Expenditure in India.
8. Outline effects of public expenditure on economic growth.

SECTION-B

Answer ALL Questions

Each Question Carries 15 Marks

(4x15 = 60)

9. (a) Briefly explain the importance of principle of maximum social advantage?
(or)
(b) Discuss the important objectives of budgetary policy in developing countries like India.
10. (a) Briefly explain different canons of taxation.
(or)
(b) Outline the importance of incidence and indirect taxation.
11. (a) Discuss the effects of taxation on Production, Distribution and Economic Growth.
(or)
(b) Critically analyze the tax reforms implemented in India.
12. (a) Analyze the laws of growth of growth of public Expenditure.
(or)
(b) What are the different measures to control the growth of public Expenditure?

M.D. Banerjee
P. S. Banerjee

Dr. Banerjee

H. Venkatesh

M.A. DEGREE EXAMINATION – 2019

FIRST SEMESTER

ECONOMICS

PAPER –IV : INDIAN ECONOMY

Time: 3 Hrs

Max. Marks: 80

Answer any FOUR Questions
Each Question Carries 5 Marks

(4x5=20)

SECTION – A

1. What is economic development.
2. Human Poverty Index.
3. Economic Planning.
4. Rolling Plan.
5. Trends in Rural-Urban Migration.
6. Population explosion.
7. The concept of Poverty line.
8. Disguised unemployment.

SECTION-B

Answer ALL Questions
Each Question Carries 15 Marks

(4 x15 = 60)

9. (a) Briefly explain approaches to Economic Development and its measurement.
(or)
(b) What is meant by sustainable development? What measures could a developing country like India take to perfect its environment?
10. (a) Briefly explain features and objectives of Indian Economic Planning and its achievements.
(or)
(b) Explain the objectives and strategy of planning in India.
11. (a) Briefly explain India's population growth and its effects on economic development.
(or)
(b) What is migration? Explain the factors affecting rural-urban migration in India.
12. (a) Briefly outline the trends in rural poverty in India.
(or)
(b) Explain the causes of unemployment and explain the measures to solve the problem of unemployment in India.

M.D. Banerjee
S. Banerjee

W. S. Chandra *K. Venkatesh*

M.A. DEGREE EXAMINATION -- 2019
ECONOMICS
FIRST- SEMESTER

PAPER –V: MATHEMATICAL METHODS

Time: 3 Hrs

SECTION – A

Max. Marks: 80

Answer any FOUR Questions

Each Question Carries 5 Marks

(4x5=20)

1. Define function and state the different types of functions.
2. Solve the following simultaneous equations using algebraic method

$$2x+3y=3 \text{ and } X-y=1$$

3. Find equilibrium price and quantity, when

$$Q^d = 100 - 20p \text{ and } Q^s = -5 + 15p$$

4. Find the derivative of $y = (3X^2+1)(X^3+3X)$.

5. Evaluate $2x(x^2+1) dx$

4. Find the marginal cost of following function

$$C=3x^2+2 \text{ when } x=1, x=2$$

5. Find out the total differential for the following Function

$$y=2x^3+3x^2-36x+10$$

6. If $A = \begin{bmatrix} 2 & 5 \\ 1 & 3 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & -1 \\ -3 & 2 \end{bmatrix}$ Find AB and BA and verify whether $AB=BA$.

8. What are the properties of Matrix determinants?

SECTION – B

Answer ALL Questions

Each question carries 15 marks

(4x15=60)

9. (a) Find the derivatives of $y = (3X^2+1)(X^3+3X)$ and $Y = \frac{X^2-1}{X^2+1}$

(PTO)

(Or)

- (b) Find the complete differential of $Y=x^2+2xz-z^2$ and calculate the approximate change in Y if x increases from 2 to 2.1 and z increases from 3 to 3.2.

10. (a) What is elasticity of demand? Find the elasticity of demand for the function of $X=P^2-5P+10$ at $P=2$ and $P=5$, where x = quantity demanded and p = price

(or)

- (b) Given the demand function $Q^d=4-x^2$ and supply function $Q^s=x+2$. Find consumer Surplus and producer surplus.

11. (a) Find the best profit (Profit Maximization) of a firm whose total revenue and total cost functions are as follows.

$$R=260Q-3Q^2 \text{ and } C=500+20Q$$

(or)

- (b) $O=10+12L-L^2$

The above expression shows how total output O varies with the input of man –hours L .

- (1) Give an algebraic expression for

(i) average product

(ii) marginal product.

- (2) (i) How many man- hours of labour should be employed to maximize total output?

(ii) What is the value of total output at this point?

(iii) What is the value of marginal product at this point?

(iv) What is the value of average product at this point?

12. (a) Define Matrix. Explain different types of matrices with suitable examples.

(or)

- (b) Find the inverse of the following matrix.

$$\begin{bmatrix} 2 & 1 & 1 \\ -1 & 2 & -1 \\ 1 & -1 & 2 \end{bmatrix}$$

M.D. Banerjee
K. Varshney

K. Varshney

K. Varshney

M.A. DEGREE EXAMINATION – 2019

SECOND SEMESTER

ECONOMICS

PAPER – I: MICRO ECONOMIC ANALYSIS - II

Time: 3 Hrs

Max. Marks: 80

SECTION – A

Answer any Four Questions
Each Question Carries 5 Marks

(4x5=20)

1. Critically evaluate the Marginal Analysis.
2. Write about the features of Neo- Classical Approach.
3. Explain the value judgment in welfare economics.
4. Discuss the role of general equilibrium in economics.
5. Define the determinants of price and output.
6. Distinguish between life and non- life insurance.
7. Explain Pigovian Welfare economics.
8. Write a note on risk and risk aversion.

SECTION-B

Answer ALL Questions
Each Question Carries 16 Marks

(4x15 = 60)

9. (a) Discuss the marginal Productivity theory of distribution.
(or)
(b) Explain Ricardian theory of rent.
10. (a) Elucidate Arrow's impossibility theorem.
(or)
(b) Examine the compensation criteria developed by Kaldor and Hicks.
11. (a) Discuss the Walrasian theory of excess demand and input- output approaches to General equilibrium. (or)
(b) Explain the relationship between relative commodity and factor prices.
12. (a) Why individual behaviour towards risk? Explain risk pooling and risk spreading.
(or)
(b) Critically examine the theory of second best.

M.D. Gaudale
J. Narayan

Thiruvananthapuram

12. Venkatesh

M.A. DEGREE EXAMINATION – 2019
SECOND SEMESTER
ECONOMICS
PAPER – II: MONETARY ECONOMICS

Time: 3 Hrs

Max. Marks: 80

SECTION – A

Answer any Four Questions
Each Question Carries 5 Marks

(4x5=20)

1. Classical' s Quantity Theory of money.
2. Concept of Money Multiplier and its significance.
3. Determinants of Demand for Money.
4. Objectives of Monetary Policy in developing countries.
5. Characteristic features of Philips Curve.
6. Balance of Payments and its importance.
7. Conditions relating to macro economics general equilibrium.
8. Different phase of Business Cycles.

SECTION-B

Answer ALL Questions
Each Question Carries 15 Marks

(4x15 = 60)

9. (a) Briefly outline the KEYNE'S Liquidity preference Approach.
(or)
(b) Examine the concept an type of Business Cycles.
(or)
10. (a) Critically analyze the importance of the Tobin's Portfolio selection Model.
(or)
(b) Critically outline the relative efficiency of Monetary and Fiscal Policies in counter acting Business Cycles.
11. (a) Write about the different theories of inflation.
(or)
(b) Explain the necessary conditions relating to the equilibrium of Product and Money markets.
12. (a) Explain the necessary condition relating to the equilibrium of product.
(or)
(b) Describe the process of Macro Economic equilibrium in Open Economy.

M. D. Banerjee
Pranish

W. Banerjee
K. Banerjee

M.A. DEGREE EXAMINATION – 2019

SECOND SEMESTER

ECONOMICS

PAPER – IV : INTERNATIONAL TRADE AND FINANCE

Time: 3 Hrs

SECTION-A

Max. Marks: 80

Answer any FOUR Questions

Each Question Carries 5 Marks

(4 x 5= 20)

1. Examine the Ricardian theory of Comparative cost.
2. Write about the features of Leontief's paradox.
3. Critically examine the Rybczynski theorem.
4. Discuss the features of Kravis's theory of international trade.
5. Explain the different concepts of terms of trade.
6. Examine the interrelationship between terms of trade and gains from trade.
7. Write about the kinds disequilibrium in the balance of payments.
8. Explain the different components of the balance of payments.

SECTION –B

Answer any ALL Questions

Each Question Carries 15Marks

(4 x 15= 60)

9. (a) critically examine the Factor price Equalization theory of international trade.
(Or)
(b) Discuss the process of empirical testing of the absolute and comparative cost theories of International trade.
10. (a) Explain the relevance of the stopler of Samuelson theorem to the present Global economy. (Or)
(b) Critically examine the effects of factor endowment changes on international Trade
11. (a) Discuss about the factor relating to the measurement of gains from international trade.
(Or)
(b) Outline the features of the Hypothesis of secular Deterioration of Terms of trade.
12. (a) Discuss about the economic effects of tariffs on the developing countries like India.
(Or)
(b) Explain the concept relating the equilibrium and disequilibrium in the Balance of payments.

H. D. Banatiah

W. S. Mahalingam

K. Venkatesh

M.A. DEGREE EXAMINATION – 2019

SECOND SEMESTER

ECONOMICS

PAPER –V : STATISTICAL METHODS

Time: 3 Hrs

Max. Marks: 80

SECTION – A

Answer any Four Questions

(4 x 5 = 20)

Each Question Carries 5 Marks

1. Distinguish between Correlation and Regression ?.
2. Standard error of estimate.
3. Conditional Probability.
4. Point and Interval estimates.
5. Type- I and Type - II errors.
6. Yate's correction.
7. Relative Frequency Approach to Probability.
8. What are the Conditions for validity of Chi-square test?.

SECTION-B

Answer ALL Questions

Each Question Carries 15 Marks

(4 x 15 = 60)

9. (a) The following table gives indices of Industrial production of registered unemployed (in hundred thousand). Calculate the value of correlation co-efficient.

Year	1995	1996	1997	1998	1999	2000	2001	2002
Index of production	100	102	104	107	105	112	103	99
Number of unemployed	15	12	13	11	12	12	19	26

(or)

- (b) Estimate the two regressions by using the method of least squares:

X: 6 2 10 4 8
Y: 9 11 5 8 7

10. (a) The incidence of a certain disease is such that on the average 20% of workers suffer from it. If 10 workers are selected at random, find the probability that:
- (i) Exactly 2 workers from the disease.
 - (ii) Not more than 2 workers suffer from the disease

(or)

- (b) State and prove addition and multiplication theorems ?

11. (a) A group of 5 patients treated with medicine A weigh 42,39,48,60 and 41 kgs; a second group of 7 patients from the same hospital treated with medicine B weigh 38,42,56,64,68, and 62 kgs. Do you agree with the claim that medicine B increase the weigh significantly? (The value of t at 5 percent level of