

Reg. No. :

Name :

First Semester M.A. Degree Examination, May 2022

Business Economics

BE 514 — CONTEMPORARY INDIAN ECONOMY

(2021 Admission)

Time : 3 Hours

Max. Marks : 75

PART – A

Answer **all** questions.

1. Which bank is limited to the needs of agriculture and rural finance?
(a) RBI (b) NABARD
(c) SBI (d) Canara Bank
2. The World Development Report is prepared by:
(a) World Economic forum (b) World Development Council
(c) World Bank (d) International Monetary fund
3. In the index of eight core industries, which one of the following is given the highest weight?
(a) Fertilizer production (b) Steel production
(c) Electricity production (d) Coal production
4. What is the assumption that economic growth will percolate down to all sectors, known as?
(a) Vicious circle of poverty (b) Pump priming
(c) Decentralisation (d) Trickle-down theory

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5. Which one of the following is a constituent of Macroeconomic vulnerability index?
- (a) Fiscal deficit (b) Current account deficit
(c) Rate of inflation (d) All the above
6. Amartya Sen emphasizes that having enough to eat depends on:
- (a) An egalitarian income distribution (b) Low poverty rates
(c) Society's system of entitlement (d) Society's high Gini concentration
7. Which of the following provides correct definition of GNP deflator?
- (a) GNP of current year divided by GNP of the previous year
(b) GNP at current prices divided by Wholesale price index
(c) The ratio of GNP at current prices to the GNP at constant prices
(d) None of the above
8. Pradhan Mantri MUDRA Yojana is aimed at:
- (a) Providing pensions to old and destitute persons
(b) Providing loans to poor farmers for cultivating particular crops
(c) Bringing the small entrepreneurs into formal financial system
(d) Funding the voluntary organisation involved in the promotion of skill development and employment generation
9. Who is the author of "Doughnut Economics"?
- (a) Kate Raworth (b) Amartya Sen
(c) Raghuram Rajandex (d) Abhijit Banerjee
10. Longevity is a proxy for _____ in the Human Development Index.
- (a) Infant mortality (b) Living standard
(c) Health and nutrition (d) Purchasing power parity

(10 × 1 = 10 Marks)



PART – B

Answer any **seven** questions, not exceeding **500** words.

11. Explain the sectoral composition of Indian economy.
12. Write a short note on Second generation reforms.
13. Describe the issues of demographic dividend in India.
14. Explain the role and commitment of implementing Sustainable Development Goals in India.
15. Explain the recent trends of inequality problem in India.
16. Write a note on the development of Tertiary sector in India.
17. Discuss the recent trends in FDI and FII in India.
18. Write a note on Ease of doing business in India.
19. Explain the challenges and opportunities of External sector.
20. Discuss the role and relevance of NITI Aayog.

(7 × 5 = 35 Marks)

PART – C

Answer any **three** questions not exceeding **1,200** words.

21. Briefly explain the recent developments in Indian economy.
22. Describe the major issues in Indian agriculture.
23. Discuss the various measurement and debates on Poverty estimation in India.
24. What are the important challenges of MSMEs for the rural development and suggest future options?
25. Discuss the impact of Global economic slowdown 2008 on Indian economy.

(3 × 10 = 30 Marks)



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N – 7271

Reg. No. :

Name :

First Semester M.A. Degree Examination, May 2022

Business Economics

BE 211 : ECONOMIC THEORY - I

(2010 - 2015 Admission)

Time : 3 Hours

Max. Marks : 75

PART – A

I. Answer **all** questions in one or two sentences. Each question carries **one** mark.

1. Indirect Utility function
2. Envelop theorem
3. Substitution effect
4. Cost function
5. Principal Agent Problem
6. Partial Equilibrium
7. N.M Index
8. Capital Market
9. Technical Progress
10. Phillip's curve

(10 × 1 = 10 Marks)

P.T.O.



PART – B

- II. Answer **any seven** questions. Each should not exceed **500** words. Each question carries **5** marks.
11. Describe the first and second-order condition of a Maximum.
 12. Write a note on Demand relations among goods.
 13. What are various measures used for the regulation of monopoly?
 14. Describe various types of capital market.
 15. Write a note on Prisoner's Dilemma.
 16. Distinguish between individual supply curve of labour and market supply curve of labour.
 17. What are the difference between full cost and marginal cost pricing strategies?
 18. How does elasticity impact demand in a market?
 19. Write a short note on Pareto Optimality.
 20. Write a note on Bertrand model of oligopoly.
 21. Give an account of Expected utility and risk aversion.

(7 × 5 = 35 Marks)

PART – C

- III. Answer **any two** questions. Each answer should not exceed **1200** words. Each question carries **10** marks.
22. Compare Marris Growth models and Williamson's Managerial Discretionary theory.
 23. Describe Long run equilibrium of a firm under perfect competition.



24. Describe prices that remain rigid under an oligopoly market situation.
25. Explain St. Petersburg Paradox and Bernoulli's Hypotheses.

(2 × 10 = 20 Marks)

PART – D

- IV. Answer **any one** of the following questions. Each answer should not exceed **1200** words. The question carries **10** marks.
26. Explain Walrasian general equilibrium is an attempt to explain the functioning of the macroeconomy as a whole.
27. Explain Chamberlin's model of the duopoly. How does it differ from Cournot's solution of Duopoly?

(10 × 1 = 10 Marks)

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N – 7265

Reg. No. :

Name :

First Semester M.A. Degree Examination, May 2022

Economics

EC 211 : MICRO ECONOMICS-I

(2013-2017 Admission)

Time : 3 Hours

Max. Marks : 75

PART – I

Answer **all** questions. Each question carries **1** mark.

Explain in **one** or **two** sentences.

1. Define Indirect Utility function.
2. Distinguish between Risk and Uncertainty.
3. What is a Compensated demand curve?
4. Write a note on Price Discrimination.
5. What is Linear Expenditure System?
6. Write a note on Game theory.
7. What do you mean by Revealed Preference Theory?
8. Define Translog Production Function.
9. Explain Derived demand with examples.
10. What is Capital Deepening Technical Progress?

(10 × 1 = 10 Marks)

P.T.O.



PART – II

Answer any **Seven** of the following. Each answer should not exceed **500** words.
Each carries **5** marks.

11. Analyze Full Cost Pricing Principle.
12. Explain Gordon's attack on Marginalism.
13. What do you mean by traditional theories of Cost?
14. Briefly explain Bertrand Oligopoly Model.
15. Point out the main assumptions of Neo-Classical Theory.
16. Write a short essay on CES Production Function?
17. Explain Baumol's Sales Maximization theory.
18. What do you mean by Bain's Limit Pricing Model?
19. What are the different types of price leadership?
20. Diagrammatically explain Engineering Cost Curves.

(7 × 5 = 35 Marks)

PART – III

Answer any **three** of the following. Each question carries **10** marks.

Each not exceed **1200** words.

21. Briefly explain Behavioural Model of Cyert and March.
22. Write an essay on Sweezy's Kinked Demand Curve Model.



23. Explain the price and output determination under Monopolistic Competition?
24. Point out the main properties of Cobb-Douglas Production function
25. Explain Williamson's Managerial Discretion Model.

(3 × 10 = 30 Marks)

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Reg. No. :

Name :

First Semester M.A. Degree Examination, May 2022

Economics

EC 214 – QUANTITATIVE METHODS FOR ECONOMICS

(2018 Admission onwards)

Time : 3 Hours

Max. Marks : 75

PART – A

Define the following in **one** or **two** sentences. Each carries **1** marks.

1. Symmetric matrix.
2. Technical constraints.
3. Transpose of a matrix.
4. Shadow price.
5. Constrained Optimization.
6. Find the average cost and the marginal cost functions from the total cost function $TC = 60 + 10x + 15x^2$.
7. If $2x^2 - 3xy + y^2 = 0$ find the value of $\frac{dy}{dx}$ using the product rule.
8. Contingency table.

P.T.O.



9. Confidence interval.
10. Poisson distribution.

(10 × 1 = 10 Marks)

PART – B

Answer **any seven** questions. Each question carries **5** marks

11. Write a short note on dual in Linear Programming.

12. Find the value of the determinant $|A| = \begin{vmatrix} 1 & 18 & 72 \\ 2 & 40 & 96 \\ 2 & 45 & 75 \end{vmatrix}$.

13. Explain the economic applications of first order equations.

14. Solve the following equations by Cramer's Rule.

$$3x + 2y + z = 6; \quad 2x - 3y + 3z = 2 \quad \text{and} \quad x + y + z = 3.$$

15. Find the rank of the matrix $\begin{bmatrix} 1 & 2 & -1 \\ 2 & 4 & 3 \\ -1 & -2 & 6 \end{bmatrix}$.

16. Maximise a function $Y = 5X_1 X_2$ subject to $X_1 + 2X_2 = 8$. Solve this equation using Lagrange method.

17. Obtain the dual of the following primal LP problem ;

$$\text{Maximize } Zx = X_1 - 2X_2 + 3X_3$$

Subject to the constraints

(a) $-2X_1 + X_2 + 3X_3 = 2,$

(b) $2X_1 + 3X_2 + 4X_3 = 1$ and $X_1, X_2, X_3 \geq 0.$



18. The screws produced by certain machine were checked by examining samples. The following table shows the distribution of 128 sample according to the number of defective items they contained.

No. of defectives	0	1	2	3	4	5	6	7
No. of Samples	7	6	19	35	30	23	7	1

Fit a binomial distribution to find the mean and variance of the distribution.

19. Write a short note on methods of sampling.
20. Discuss the various tests of Normality.

(7 × 5 = 35 Marks)

PART – C

Answer **any three** questions. Each carries **10** marks.

21. A firm is producing two goods A and B. It has two factories that jointly produce the two goods in the following quantities (Per hour).

Good	Factory 1	Factory 2
Good A	10	20
Good B	25	25

The firm receives an order for 300 units of A and 500 units of B. the costs of operating the two factories are 10000 and 8000 per hour. Formulate the linear programming problem of minimizing the total cost of meeting this order.

22. Solve the equations using matrix approach

$$2x - 3y + z = 7$$

$$2x + y - z = 1$$

$$4y + 3z = -11$$



23. Briefly explain the important steps for testing of Hypothesis.
24. Fit a normal distribution to the following data and test the goodness of fit using χ^2 test
- | | | | | | |
|-----------|-----|-------|-------|-------|-------|
| Class | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 |
| Frequency | 10 | 22 | 40 | 21 | 7 |
25. Briefly explain the characteristics and properties of Binomial, Poisson and Normal distribution.

(3 × 10 = 30 Marks)

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