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Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 39920 Roll No.

B. Tech. Examination 2022-23

(Odd Semester)

ENGINEERING AND MANAGERIAL ECONOMICS

Time : Three Hours] *[Maximum Marks : 60*

Note :– Attempt all questions.

SECTION–A

1. Attempt all parts of the following : 8×1=8

   (a) Who has given "Giffin Paradox"?

   (b) What is difference between contraction in demand and decrease in demand?

   (c) Which market can you enter but have too many barriers to enter?

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(d) What is the shape of short run average cost curve?

(e) Defien net factor income from abroad.

(f) Describe opportunity cost.

(g) What is the difference between personal income and disposable income?

(h) What is the main features of 'Monopoly' market?

SECTION – B

2. Attempt any two parts of the following : 2×6=12

(a) How can the nature of goods be explained with the help of income elasticity of demand?

(b) Explain significance of law of variable proportion in decision making.

(c) "Long run cost output relationship is an envelop of the family of short run cost curve". Give your views?

(d) How will you classify the fluctuation that cause business cycle?

SECTION – C

Note :– Attempt all questions. Attempt any two parts from each question. 5×8=40

3. (a) What are the determinants of demand?

(b) Write short notes on the following :

(i) Barometric technique

(ii) Delphi method

(c) Explain cross elasticity of demand with graph.

4. (a) What is demand forecasting? What is its purpose in business organisation?

(b) What is Engineering? How does the job of a scientist differ from an engineer?

(c) 'Managerial economics in interdiciplinary in nature'. Explain.

5. (a) What do you mean by douopoly? How is it different from an oligopoly market?

(b) Calculate TVC, AC, AFC, marginal cost :

Unit of output	Total cost
0	150
50	200
100	230

(c) How price determination is done under monopolistic market in short run?

6. (a) What is national income? What difficulties are faced in India in the estimation of national income?

(b) Explain the various phases of a busienss cycle. How can a businessman safeguard himself against the evil effect of business cycle.

(c) What are the main causes responsible for inflation in an economy and how can we overcome?

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