S.No. : 396 NHS 4501

No. of Printed Pages : 04

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

PAPER ID : 43218 Roll No.

B. Tech. Examination, 2025-26

(Odd Semester)

ENGINEERING & 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) What is meant by economic decision-making?

   (b) What happens to supply when price rises?

   (c) What does an isoquant represents?

   (d) Give one economic indicator used to measure national income.

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

(f) What is equilibrium price?

(g) What is net factor income from abroad?

(h) What is meant by returns to scale?

SECTION – B

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

(a) Explain the methods of demand forecasting for new and existing products.

(b) Explain the law of variable proportion and its three stages with a diagram.

(c) Discuss the causes of inflation and their impact on the economy.

(d) Explain monopolistic competition and its key characteristics.

SECTION – C

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

3. (a) Explain the law of demand with its assumptions and exceptions.

(b) Explain how engineering decisions are influenced by economic principles.

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

4. (a) Explain how managerial and technical economies influence production efficiency?

(b) Discuss the short-run and long-run cost curves with suitable diagrams.

(c) Explain the concept and importance of the production function.

5. (a) Explain price discrimination and its importance.

(b) Explain the phases of business cycle with diagram.

(c) Discuss the methods of measuring national income.

6. (a) Describe the features and price-output determination in monopoly.

(b) Distinguish between GDP, GNP and NNP with examples.

(c) Discuss the factors affecting supply of a commodity.

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