

B TECH
(SEM V) THEORY EXAMINATION 2017-18
ENGINEERING ECONOMICS

Time: 3 Hours

Total Marks: 100

- Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.
2. Any special paper specific instruction.

SECTION A

1. Attempt all questions in brief.

2 x 10 = 20

- Explain cost estimation.
- What is efficiency?
- Define decision making.
- What is monopolistic competition?
- What is Delphi method?
- Discuss the opportunity cost
- What do you mean by Project evaluation?
- Explain Staffing.
- Explain Seasonal Adjustments.
- Define Welfare analysis.

SECTION B

2. Attempt any three of the following.

10X3= 30

- What is managerial economics? Briefly explain the techniques of managerial economics.
- Define Engineering economics. What is the role of economics in industries?
- What are the features of a market? Briefly explain the various types of market structures.
- Describe short run equilibrium Monopoly completion.
- Define value engineering. How does it differ from value analysis?

SECTION C

3. Attempt any one part of the following:

10 x 1 = 10

- What do you mean by decision making? Explain the various characteristics of decision making.
- Explain elasticity of demand and distinguish its various types.

4. Attempt any one part of the following:

10 x 1 = 10

- Why a firm under perfect competition is a price taker?
- What are Duopoly sorbent features of price determination and various market conditions?

5. Attempt any one part of the following:

10 x 1 = 10

- Explain various methods used for demand forecasting of a new product.
- Write short note on opportunity and marginal cost.

6. Attempt any one part of the following:

10 x 1 = 10

- Plot a diagram showing total cost, fixed cost and variable cost. Also describe each.
- What do you mean by Management? Explain its various functions of Management.

7. Attempt any one part of the following:

10 x 1 = 10

- What is macroeconomics? How does it differ from microeconomics?
- What do you mean by Decision making? Explain the various characteristics of decision making.