

Printed pages: 01
Paper ID: 9067

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Sub Code: NHU-501

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 x10 = 20

- (a) Explain cost estimation.
- (b) What is efficiency?
- (c) Define decision making.
- (d) What is monopolistic competition?
- (e) What is Delphi method?
- (f) Discuss the opportunity cost
- (g) What do you mean by Project evaluation?
- (h) Explain Staffing.
- (i) Explain Seasonal Adjustments.
- (j) Define Welfare analysis.

SECTION B

2. Attempt any three of the following.

10X3= 30

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

SECTION C

3. Attempt any one part of the following:

10 x 1 = 10

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

4. Attempt any one part of the following:

10 x 1 = 10

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

5. Attempt any one part of the following:

10 x 1 = 10

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

6. Attempt any one part of the following:

10 x 1 = 10

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

7. Attempt any one part of the following:

10 x 1 = 10

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