

**B TECH**  
**(SEM-V) THEORY EXAMINATION 2019-20**  
**ENGINEERING ECONOMICS**

**Time: 3 Hours****Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. What is demand?
  - b. What is meant by imperfect competition?
  - c. Discuss the scope of managerial economics.
  - d. What are the steps of forecasting?
  - e. Define the term efficiency.
  - f. State the functions of management.
  - g. What is variance?
  - h. What is an indifference curve?
  - i. State the scope of managerial economics.
  - j. Define the term value engineering

**SECTION B**

- 2. Attempt any three of the following: 10 x 3 = 30**
- a. State the law of supply with the help of an example.
  - b. What is oligopoly?
  - c. What is project management?
  - d. State the functions of value engineering. Why it is used?
  - e. What are errors in forecasting?

**SECTION C**

- 3. Attempt any one part of the following: 10 x 1 = 10**
- (a) What is welfare economics? State its characteristics.
  - (b) Discuss the various determinants of demand.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- (a) What are the techniques and applications of managerial economics?
  - (b) State essential features of price determination.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss the various types of forecast.
  - (b) State the element of cost.
- 6. Attempt any one part of the following: 10 x 1 = 10**
- (a) State the condition of equilibrium of a firm.
  - (b) Explain the different types of variance.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- (a) State the different phases of project management.
  - (b) What is decision making? State its various steps