B TECH
(SEM V) THEORY EXAMINATION 2018-19
ENGINEERING & MANAGERIAL 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 economics?
    b.   What is demand analysis?
    c.   Explain the term demand forecasting?
    d.   State the concept of national income.
    e.   Define inflation.
    f.   Discuss the term opportunity cost?
    g.   What is income elasticity?
    h.   Discuss the different types of market conditions.
    i.   State the concept of elasticity of demand in managerial decision.
    j.   What is duopoly?

SECTION B

2.   **Attempt any *three* of the following:**   **10 x 3 = 30**

    a.   What is the law of diminishing returns to scale?
    b.   What is the difference between perfect and imperfect competition? Explain.
    c.   Explain various phases of business cycle?
    d.   State features of price discrimination. How it helps in optimizing the profit?
    e.   What do you mean by the term scarcity? Discuss the law of diminishing Marginal Utility with example.

SECTION C

3.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

    (a)   What is managerial economics? State its scope in engineering perspective.
    (b)   What are uses of elasticity of demand? Discuss various elasticity conditions.

4.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

    (a)   State the concept of National Income.
    (b)   Discuss various factors that affect inflation?

5.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

    (a)   Describe the rate of return analysis with example.
    (b)   Discuss cost benefit analysis with example.

6.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

    (a)   Discuss various determinants of demand. Explain with suitable example.
    (b)   State various market conditions. How these affect the satisfaction level of consumer?

7.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

    (a)   What is peak in business cycle? Describe its important characteristics.
    (b)   What is cross elasticity of demand? Explain its impact on supply of products.