

003405**May 2023****B.Tech. [CE/CE (DS)/CSE (AIML) IV SEMESTER
Economic For Engineers (HSMC-02)**

Time : 3 Hours

Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

1. (a) Define micro economics. (1.5)
- (b) What is production possibility curve? (1.5)
- (c) State the limitations of NPV method of capital budgeting. (1.5)
- (d) How pay-back period is calculated? (1.5)
- (e) Define demand forecasting. (1.5)
- (f) What is meant by elasticity of demand? (1.5)
- (g) Examine the relevance of depreciation towards Industry. (1.5)

- (h) What is opportunity cost? (1.5)
- (i) Explain the various types of market. (1.5)
- (j) State the features of Indian Economy. (1.5)

PART-B

2. Explain and illustrate the relationship between science, technology and economic development. (15)
3. Discuss the factors that determine elasticity of demand. (15)
4. State the advantages and limitations of Internal rate of Return Method of capital budgeting. (15)
5. Examine the importance of the law of variable proportions. What do you think to be its causes and effects? (15)
6. Explain the features of monopoly competition through appropriate examples. (15)
7. State the differences between :
- (a) Fiscal and monetary policy. (15)
- (b) Central bank and Commercial bank. (15)