

[Total No. of Questions - 9] [Total No. of Printed Pages - 3]
(2064)

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B. Tech 4th Semester Examination

Engineering Economics (N.S.)

HS-201

Time : 3 Hours

Max. Marks : 100

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all selecting one from each of the Sections A, B, C & D. Section E is compulsory.

SECTION - A

1. (a) Briefly discuss the need and significance of economics in Engineering. (10)
- (b) Discuss the welfare definition of economics. (10)
2. (a) What do you mean by elasticity of demand? Explain the proportionate and point method to calculate elasticity of demand. (10)
- (b) Explain the increase and decrease in supply. (10)

SECTION - B

3. (a) Explain the law of returns with the help of total production and marginal product curves. (10)
- (b) What do you mean by total cost, average cost and marginal cost? Explain the relationship between average and marginal cost. (10)

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4. (a) Explain the break-even analysis. What is the significance of it for the entrepreneur? (10)
- (b) What is the difference between perfect competition and monopoly? How the price is determined in monopoly. Discuss. (10)

SECTION - C

5. (a) What do you mean by monetary policy? Discuss the various objectives of monetary policy. (10)
- (b) Define inflation. How the inflation is going to affect the economy? Discuss. (10)
6. (a) How the commercial banks create credit in the economy? Discuss. (10)
- (b) Explain the role of foreign capital in the development of economy. (10)

SECTION - D

7. (a) Discuss the various characteristics of Indian economy. (10)
- (b) What do you mean by input-output analysis? Explain its importance and limitations also. (10)
8. (a) What is the nature and causes of unemployment in India? Discuss. (10)
- (b) Explain the impact of globalization on Indian industries. (10)

SECTION - E

9. Explain briefly the following terms:-
- (a) Capitalism
- (b) Socialism

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- (c) Determinants of demand
- (d) Extension & contraction in demand
- (e) Fiscal policy
- (f) Budget
- (g) Business cycle
- (h) Sustainable development
- (i) Planning
- (j) Oligopoly (2×10=20)