

2125  
B.E. (Computer Science and Engineering)  
Third Semester  
AS-201: Economics

Time allowed: 3 Hours

Max. Marks: 50

*NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.*

*x-x-x*

I. Answer the following briefly:-

- a) Define economics.
- b) What is meant by economic activity?
- c) State any one determinant of demand.
- d) What is elasticity of demand?
- e) Define diminishing marginal utility.
- f) What is meant by variable proportion?
- g) Name one feature of perfect competition.
- h) Define national income.
- i) State one cause of inflation.
- j) What is meant by the market value of software? (10x1)

**UNIT - I**

II. Discuss the nature of economics and explain how economics is related to any two other social sciences. (10)

III. Answer the following:

- a) Explain the types of demand and the law of demand.
- b) Discuss the factors determining elasticity of demand. (2x5)

IV. Answer the following:

- a) Describe the law of diminishing marginal utility and its practical applicability.
- b) Explain the law of variable proportion and distinguish between returns to a factor and returns to scale. (2x5)

P.T.O.

(2)

**UNIT - II**

- V. Explain the features and relevance of perfect competition and monopoly, in modern markets. (10)
- VI. Answer the following:  
a) Discuss the concept and methods of measuring national income.  
b) Explain the causes and effects of inflation and suggest measures to control it. (2x5)
- VII. Write short notes on:  
a) Principles of software valuation  
b) Cost versus value in software assets  
c) Risks in outsourcing and offshoring software development (10)

x-x-x