

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 2100**

Roll No.

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**B.Tech.**

(SEM. V) ODD SEMESTER THEORY  
EXAMINATION 2013-14

**ENGINEERING AND MANAGERIAL ECONOMICS**

*Time : 3 Hours*

*Total Marks : 100*

**Note :-** Attempt all questions. All questions carry equal marks.

1. Attempt any two parts of the following : (10×2=20)
  - (a) Discuss the Marshallian approach of Economics.
  - (b) Explain the role of managerial economics in the managerial decision making.
  - (c) What are the factors on which price elasticity of demand depends ?
2. Attempt any two parts of the following : (10×2=20)
  - (a) Explain the concept of short run costs and long run costs.
  - (b) What is Marginal Rate of Technical Substitution ? How can it be derived ?
  - (c) Define Production function and explain its attributes with reference to an industrial firm.

3. Attempt any two parts of the following : (10×2=20)

- (a) What are the features of a Market ? Briefly explain the various types of market structures.
- (b) What are the problems in estimation of National Income by using expenditure method ? What precautions should be used while using this method ?
- (c) Define Business Cycle. Discuss the salient features of Business Cycle.

4. Attempt any two parts of the following : (10×2=20)

- (a) Law of demand is qualitative statement while elasticity of demand is quantitative statement. Explain.
- (b) How can the optimum combination of factors be achieved with the help of ISO product curve ?
- (c) Discuss the concept of Inflation and Deflation. How do they effect the level of economic activity ?

5. Write short notes on any **four** of the following : (5×4=20)

- (a) Law of Diminishing Return
- (b) Internal Economies
- (c) Gross Domestic Product
- (d) Stagflation
- (e) Herbert Simon Model
- (f) AR and MR curves under Perfect Competition.