

**Faculty of Science & Technology**  
**Sixth Semester B.Tech. (Computer Science Engineering/IT/CT) (CBCS) Examination**  
**ECONOMICS OF IT INDUSTRY**

Time : Two Hours]

[Maximum Marks : 35

**INSTRUCTIONS TO CANDIDATES**

- (1) Solve Question 1 OR Question No. 2.
- (2) Solve Question 3 OR Question No. 4.
- (3) Solve Question 5 OR Question No. 6.
- (4) Solve Question 7 OR Question No. 8.
- (5) Assume suitable data wherever necessary.
- (6) Illustrate your answers wherever necessary with the help of neat sketches.
1. (a) Discuss the law of demand and explain various factors on which demand depends. 5  
 (b) Differentiate between deflation and recession. 4
- OR**
2. (a) Evaluate the term Industrial Economics. Differentiate between Micro and Macroeconomics. 5  
 (b) Explain the cases of elasticity of demand. 4
3. (a) Elaborate the role and significance of IT Industry in the Economic Growth of the nation. 5  
 (b) Write short notes on : 4  
     (i) Labour Intensive Industry  
     (ii) Capital Intensive Industry
- OR**
4. (a) Elaborate in your own words the concept of digital economy and digital age. 5  
 (b) Explain various phases of Business Cycle. 4
5. (a) Illustrate the concept of Mergers & Acquisitions. Explain different types of mergers you have learnt. 5  
 (b) Write short notes on : 4  
     (i) Hostile Takeover  
     (ii) Contribution of E-commerce in Economic Growth.
- OR**
6. (a) How has information technology impacted the environment in E-waste Management ? 4  
 (b) What are the advantages of Mergers and Acquisitions ? 5
7. (a) How effective is angel funding and venture capital as sources of finance ? 4  
 (b) What do you understand by agile organisation ? Explain with examples. 4
- OR**
8. (a) Differentiate between organic and inorganic growth model of business. 4  
 (b) What are the 5 levels of the Capability Maturity Model of IT Industry ? 4