

Code: EE4T1

II B.Tech - II Semester – Regular Examinations - JUNE 2014

**INDUSTRIAL ORGANIZATION AND
ENGINEERING ECONOMICS
(ELECTRICAL & ELECTRONICS ENGINEERING)**

Duration: 3 hours

Marks: 5x14=70

Answer any FIVE questions. All questions carry equal marks

1. a) List the main functions of management in an organization and explain any two of them elaborately. 8 M
b) State merits and limitations of line organization. 6 M
2. a) Write the advantages and disadvantages of partnership enterprises. 7 M
b) What are the various stages in entrepreneurial process? Explain briefly. 7 M
3. a) What is plant layout? Explain the principles of plant layout. 7 M
b) What is method study? Explain the basic procedure of method study. 7 M
4. a) What is Economic Order Quantity? 3 M

- b) Define quality. Discuss the contributions of Deming to quality management. 7 M
- c) Write a short note on \bar{X} and R charts. 4 M
5. a) What is demand forecasting? Explain any one demand forecasting technique in detail. 7 M
- b) What is macro economics? And discuss its scope. 7 M
6. a) Explain in detail Cobb- Douglas Production function. 8 M
- b) Cello Faster 0.7 is the ball point pen widely used by students now a days. Cello Faster company spending Rs. 6 on each pen to produce. In market this pen sold at Rs. 10. Initially company invests Rs. 1, 20, 000 as initial investment on machinery. What could be the amount of production (no of units) has to be done by the company to meet no profit and no gain condition. 6 M
7. a) Explain various characteristics of a project. 7 M
- b) Write a short note on project life cycle. 7 M
8. a) Distinguish between CPM and PERT. 7 M
- b) What do you mean by Project crashing? Explain in detail. 7 M