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Total No. of Pages : 01

Total No. of Questions : 08

**M.Tech.(CAD/CAM) (E-III) (Sem.-2)**  
**MANAGEMENT OF PRODUCTION SYSTEMS**

Subject Code : ME-516

M.Code : 23515

Time : 3 Hrs.

Max. Marks : 100

**INSTRUCTION TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

- Q1. What is meant by Facilities management and explain its benefits?
- Q2. What is a job shop? Outline and describe the critical parameters of the job shop scheduling problem.
- Q3. Explain the Concepts of :
- a) PERT
  - b) CPM, by illustrating with examples and drawing the networks.
- Q4. a) How does a good plant layout help to improve productivity?
- b) Discuss the following statement "*Some industries are located near the source of raw materials, whereas some near the markets for finished goods*".
- Q5. a) Why is an ISO 9000 certification important to a firm? What are the advantages to the firm? Explain.
- b) Is TQM more applicable in manufacturing industry as compared to service industry? Discuss.
- Q6. Explain different types of internet B2B exchanges used for e-procurement. How they improve the Production system?
- Q7. Discuss role of Forecasting in Production system. Brief the forecasting methods.
- Q8. Define Economic Order Quantity (EOQ). Explain with a suitable example along with its importance and limitations.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**

