Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 09

B.Tech.(ME) (E-I 2011 Onwards) (Sem.–6)
OPERATIONS MANAGEMENTS
Subject Code : DE/ME-2.3
M.Code : 71255

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. **Explain briefly :**

   (a) Write applications of operations management.

   (b) What do you mean by location analysis?

   (c) What is batch production method?

   (d) What do you mean by aggregate planning?

   (e) Define capacity.

   (f) Write benefits of material management.

   (g) Write the advantages of n-chart of quality control.

   (h) What is meant by long range forecast?

   (i) What do you mean by sampling?

   (j) What are various types of maintenance?

SECTION-B

2. Discuss various techniques of forecasting.

3. Write note on routing in production planning and control. How can you control wastage in production?

4. Discuss various sampling plans used in quality control.

5. Describe role of Management Information System in industry.

6. Discuss in detail the various objectives of maintenance.

SECTION-C

7. Discuss in the detail the various steps involved in product design and development.

8. How does location decision, layout decision, product and process layout affect the business? Explain.

9. Write objectives of selective inventory control systems. Explain significance of lead time and reorder point.

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.