

QP Code : 8134

REVISED COURSE
(3 Hours)

Total Marks: 100

NB:

1. Question No 1 is Compulsory
2. Attempt any 4 questions of the remaining 6 questions
3. Figures to the right indicate full marks
4. Assume suitable data wherever necessary

- Q1. Write short notes on the following (any 4) 20
- a. KANBAN
 - b. Major types of layouts in the manufacturing setup
 - c. Job selection in work study
 - d. Ergonomics
 - e. Therbligs and its application
 - f. Value Engineering
- Q2. Write a short note on 20
- a. Work study and its application
 - b. Tools for SQC
- Q3. Explain in detail 20
- a. JIT philosophy
 - b. Evolution and architecture of ERP
- Q4. Explain the following management philosophies in tandem 20
- a. LEAN and WASTE MANAGEMENT
 - b. TQM and BPR
- Q5. Discuss the following 20
- a. Need of computers in industrial engineering
 - b. Implementation of ERP
- Q6. Elaborate the procedure for the following 20
- a. Selection of Control Chart for variable and attribute type of data
 - b. Method Study
- Q7. Comment on the following (any 4) 20
- a. Histogram and its application
 - b. Modules in ERP
 - c. MRP-I and MRP-II
 - d. Cost of Quality
 - e. Process Capability
 - f. Productivity