

TED (15)-2254

Signature

(REVISION 2015)

Register No.

MODEL QUESTION PAPER

SECOND SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY

PRODUCTION/OPERATIONS MANGEMENT

(Time: 3 hours)

(Maximum marks: 100)

PART – A

I Answer all questions in one or two sentences. Each question carries 2 marks. (5x2=10)

1. State the meaning of plant layout?
2. What do you mean by aggregate demand?
3. Write the term simplification?
4. What is Critical Path Method?
5. Distinguish between production management & operations management?

PART -B

II Answer any 5 questions from Part- B. Each question carries 6 marks. (5x6=30)

1. Describe the elements of operation strategy?
2. Explain procedures for developing Master Production Schedules?
3. Describe purchase process?
4. Explain objectives of network analysis?
5. Describe VED analysis?
6. Explain the objectives of work measurement?
7. Describe capacity planning decisions?

PART –C

(Answer one full question from each unit. Each full question carries 15 marks) (4x15=60)

MODULE- I

III Analyse the factors influencing plant layout? (15)

OR

IV Describe the responsibilities of a production manager? (15)

MODULE- II

V What are the functions of production scheduling? (15)

OR

VI Explain process planning procedure? (15)

MODULE- III

VII Describe procurement procedure? (15)

OR

VIII Write notes on the following:-

(i) HML analysis (5)

(ii) FSN analysis (5)

(iii) SOS analysis (5)

MODULE- IV

IX (a) Write codification? (5)

(b) State the objectives and advantages of codification? (10)

OR

X Describe the sources of project ideas? (15)