

TED (15) – 2254

(REVISION — 2015)

Reg. No.

Signature

SECOND SEMESTER DIPLOMA EXAMINATION IN CABM —
MARCH, 2016

PRODUCTION/OPERATIONS MANAGEMENT

[Time : 3 hours

(Maximum marks : 100)

PART — A
(Maximum marks : 10)

Marks

I Answer all questions in one or two sentences. Each question carries 2 marks.

1. Write the meaning of work study.
2. State the meaning of sales forecasting.
3. What do you mean by inventory control ?
4. Write the meaning of 'Programme Evaluation and Review Technique'.
5. Define process planning.

(5×2=10)

PART — B

(Maximum marks : 30)

II Answer any *five* of the following questions. Each question carries 6 marks.

1. Explain the functions of production management.
2. Describe Master Production Scheduling.
3. Explain procurement procedure.
4. Describe critical path method.
5. Explain SDE analysis.
6. What are the objectives of plant layout ?
7. Explain the applications of network analysis.

(5×6=30)

PART — C

(Maximum marks : 60)

(Answer *one* full question from each unit. Each full question carries 15 marks.)

UNIT—I

III Explain the factors effecting plant layout. 15

OR

IV Describe the need for forecasting in production and operations management. 15

UNIT—II

V Explain mathematical models for aggregate planning. 15

OR

VI Elaborate the techniques of work measurement. 15

UNIT—III

VII What are the advantages and disadvantages of value analysis ? 15

OR

VIII (a) Describe the purchasing principles. 6

(b) What are the forms of purchasing ? 9

UNIT—IV

IX Analyse project ideas of existing industries. 15

OR

X (a) Critically evaluate the critical path method. 8

(b) Write the steps involved in the PERT. 7
