

CE

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2018**

CONSTRUCTION MANAGEMENT AND SAFETY ENGINEERING

[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. What is mean by free float ?
2. What is earnest money deposit ?
3. List out classification of stores.
4. Define the term Entrepreneur.
5. Define total quality Management.

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. Differentiate between feasibility report and project report.
2. What are the limitations of Bar chart ?
3. List out the contract system in construction works.
4. What are the advantages of Lump-sum contract ?
5. List out any six objectives of Human Resources Management.
6. List any six factors that may be considered before selecting the construction equipment.
7. What are the expectations of an entrepreneur ?

(5×6 = 30)

PART — C

(Maximum marks : 60)

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

UNIT — I

III (a) What are the factors considered in preliminary planning ?

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(b) A project has nine activities; the expected time of each activity is as follows :

Activity	:	1-2	2-3	2-4	3-4	3-5	4-5	5-6	3-6	4-6
Expected time :		3	3	2	0	3	7	6	2	5

(i) Draw the programme network.

(ii) Identify critical path.

(iii) Find duration of project.

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OR