

C16-C-504

5819

BOARD DIPLOMA EXAMINATION, (C-16)

MARCH / APRIL - 2019

DCE - V SEMESTER EXAMINATION

CONSTRUCTION MANAGEMENT & ENTREPRENEURSHIP

Time : 3 Hours]

[Total Marks : 80

PART - A

3×10=30

- Instructions :
- (1) Answer ALL questions.
 - (2) Each question carries THREE marks.
 - (3) Answer should be brief and straight to the point.

- 1 List out the functions of management.
- 2 Define : (a) Technical Sanction (b) Detailed Estimate.
- 3 Write the organizational structure of an Engineering Department.
- 4 List different management tools.
- 5 Define : (a) Critical path (b) Total float.
- 6 Define the terms : (a) Contract (b) Contractor.
- 7 List the tender documents.
- 8 Define : (a) Indent (b) Invoice.

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[Contd...

9 Define : (a) Entrepreneur (b) Entrepreneurship.

10 What are professional Ethics ?

PART - B

10×5=50

- Instructions :
- (1) Answer any FIVE questions.
 - (2) Each question carries TEN marks.
 - (3) Answer should be comprehensive and criterion for valuation is the content but not the length of the answer.

11 Explain the duties of Executive engineer in engineering department in construction company.

12 Draw the CPM network diagram for the following data

Activity	1-2	2-3	2-4	3-5	4-5	4-7	3-6	5-7	5-8	6-8	7-8
Duration	8	5	12	7	6	10	14	5	10	6	12

- (a) Identify the critical path. Find the total duration of the project. 3
- (b) Draw the tabular form showing EST, LST, EFT, LFT and Float. 7

13 Explain the scheduling of a Project by Gant bar chart and mention its limitations also. 6+4

14 Briefly explain various Contract Systems available in Construction industry.

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[Contd...

- ~~15~~ Explain briefly Earnest money deposit and Security deposit. 5+5
- 16 What are the information to be included in a Tender Document.
- ~~17~~ (a) Explain the requirements to a Good Form work. 5
(b) Explain the importance of training operators. 5
- 18 (a) List the characteristics of an Entrepreneur. 5
(b) Write a short note on Risk and Rewards of an Entrepreneur. 5

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