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C14-C-505

**4622**

**BOARD DIPLOMA EXAMINATION, (C-14)**

**MARCH/APRIL—2021**

**DCE - FIFTH SEMESTER EXAMINATION**

**PROJECT MANAGEMENT FOR CONSTRUCTION**

*Time : 3 hours ]*

*[ Total Marks : 80*

**PART—A**

4×5=20

- Instructions :** (1) Answer *any five* questions.  
(2) Each question carries **four** marks.  
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define construction management.
2. What is the need for technical sanction?
3. Define preliminary estimate.
4. Define CPM.
5. State the advantages of PERT.
6. Define Contract.
7. Write a short note on arbitrator.
8. Define the terms 'Indent' and 'Invoice'.
9. Define Entrepreneur.
10. What is human resource management?

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## PART—B

15×4=60

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

11. Explain the duties of Site Engineer in a construction company.
12. Distinguish between CPM and PERT methods of network analysis.
13. Define the following terms :
  - (a) Critical Path
  - (b) Event
  - (c) Activity
14. List the particulars that need to be furnished in submitting the tender document.
15. What are different types of contract? Explain 'lump sum' contract in detail.
16. Explain the method of selecting a contractor from the tenders.
17. Write the objectives of cost control in construction projects.
18. Explain the role of financial institutions in entrepreneurial development.

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