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**4622**

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

**MARCH/APRIL-2019**

**DCE - FIFTH SEMESTER EXAMINATION**

**PROJECT MANAGEMENT FOR CONSTRUCTION**

Time: 3 Hours

Max.Marks: 80

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**PART-A**

**10x3=30M**

**Instructions:** 1) Answer all questions. Each question carries three marks.  
2) Answers should be brief and straight to the point and shall not exceed five simple Sentences.

1. Define the term "Management " and State any two objectives.
2. Differentiate Administrative sanction and Technical sanction.
3. Write a short note on detailed estimate.
4. Write the differences between CPM and PERT.
5. Define the following terms:  
(a) Total Float                      (b) Free Float
6. List the different types of contracts.
7. State the need of arbitration.
8. What are the objectives of cost control?
9. List the Characteristics of an Entrepreneur.
10. Write about interpersonal relationship at work spot.

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**PART-B**

**5x10=50M**

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

11. (a) Sketch the organizational setup of any engineering department in state government. 5  
(b) List the duties of Deputy Executive Engineer. 5
12. Draw the CPM network diagram to the following data. Identify the critical path. Draw the tabular form showing the EST, LST, EFT, LFT and floats.

Activity	1-2	1-3	2-4	2-5	3-5	4-6	5-6	5-7	6-7	7-8
Duration in days	7	6	4	4	9	7	2	8	7	3

13. Explain the uses of Bar Chart. Also write its limitations.
14. Explain the need of earnest money deposit and security deposit.
15. Explain the procedure involved in making comparative statement and accepting the tender.
16. Explain the following terms, briefly  
(a) Sealed tenders.  
(b) Comparative statement
17. (a) Explain the necessity of periodical inspection of stores. 6  
(b) Explain the following terms 4  
(i) Indent      (ii) Invoice
18. Explain the role of financial institutions in entrepreneurial development.

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