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C14-C-505

**4622**

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

**OCT/NOV—2018**

**DCE—FIFTH SEMESTER EXAMINATION**

**PROJECT MANAGEMENT FOR CONSTRUCTION**

*Time : 3 hours ]*

*[ Total Marks : 80*

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**PART—A**

3×10=30

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

1. List any three characteristics of construction industry.
2. What is meant by budget provision?
3. Write any three important duties of A.E.E.
4. Define the terms
  - a) Initial event
  - b) Final event
  - c) Predecessor event
5. State the limitations of CPM.
6. Define the terms Contract and Contractor.
7. What is the necessity for tenders?
8. What is meant by Odsolence?
9. Define the terms Entrepreneur and Entrepreneurship.
10. How the attitude of a person can be determined?

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**PART-B**

10×5=50

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

11. What is the Organization Structure of P.W.D and briefly explain the duties of Chife Engineer.
12. A project has eleven activities. The expected time of each activity is given below.

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

Draw the project network and identify the critical path. Draw the tabular form showing EST, LST, EFT, LFT and float.

13. Explain the various terms used in Critical Path Method (CPM).
14. Explain the general conditions of contract for a Civil Engineering construction project.
15. What are the different types of contract and explain piecework agreement clearly.
16. Explain clearly opening of tenders and comparative statement.
17. Explain the financial control at head officer level and site level.
18. (a) List the characteristics of an Entrepreneur.  
(b) State the role of Entrepreneur in economic development.

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