

1721**Code : 15CE62T**Register
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VI Semester Diploma Examination, April/May-2018**PROJECT MANAGEMENT AND VALUATION****Time : 3 Hours |****| Max. Marks : 100****PART – A**Answer any **six** questions of the following, each question carries **5** marks.

1. What is Construction Management ? List the objectives of Construction Management.
2. What is Job layout ? Write the Job layout for construction of a Multistorey building.
3. Define Organisation. Explain line or Military organization with a chart.
4. What is pre-tender planning and post-tender planning ?
5. What is a Contract ? Explain Lump Sum Contract.
6. Explain the following :
 - (i) EMD
 - (ii) Administrative Approval
7. What are the causes of Accidents in a Construction Project ?
8. Define Valuation. Write any six purposes of valuation of buildings.
9. List any five areas in which a Civil Engineer can become an entrepreneur.

PART – BAnswer any **seven** questions from the following. (Question No. **4** and No. **10** are compulsory). Each question carries **10** marks.

1. Explain the various stages in Construction of a project from conception to realization.
2. List the different types of schedules. Explain any two with schedule format.
3. (a) Define the following terms :
 - (i) Activity
 - (ii) Event
 - (iii) Total float
 - (iv) EST
 - (v) Duration
- (b) Differentiate between CPM and PERT.

4. Draw a network diagram from the following activities and find the critical path and duration of the project.

Activity	Duration (Days)
1 - 2	13
2 - 3	08
3 - 4	10
3 - 5	11
4 - 6	09
5 - 6	10
5 - 7	06
6 - 8	08
7 - 8	07
8 - 9	14
9 - 10	18

5. Explain the procedure of calling, opening, scrutiny and acceptance of a tender.
6. What is a Measurement Book ? What are the rules to be followed in recording measurement in M-book.
7. Write short note on the following :
(i) Imprest Account
(ii) Site order book
8. Describe the safety measures and checklist to be undertaken in the following works :
(i) Excavation
(ii) Scaffolding
9. What is meant by Total Quality Management ? Write the stages of inspection and Quality Control for RCC work.
10. A building costs ₹ 15 lakh has been constructed on a free hold land measuring 100 sq. m. Recent prevailing rate of land in that area is ₹ 4500 per sq. m. The total outgoings including sinking fund is ₹ 42,000 per annum. Workout the Net and Gross rent of the property, if the owner desires 6% return on the construction cost and 4% on the value of the land.