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H – 2820

Reg No. : .....

Name : .....

**Eighth Semester B.Tech. Degree Examination, November 2019**

**13.804 : CONSTRUCTION MANAGEMENT (C)**

**(2013 Scheme)**

Time : 3 Hours

Max. Marks : 100

Answer **all** questions from Part A and **one** questions from **each** Module in Part B.

PART – A

1. What are the managerial functions of a construction team?
2. Who constitutes construction team in construction industry?
3. Write short notes on (a) Cost benefit Analysis (b) Rate of return analysis.
4. What are the various types of tenders?
5. How does mile stone chart differs from a bar chart?

**(5 × 4 = 20 Marks)**

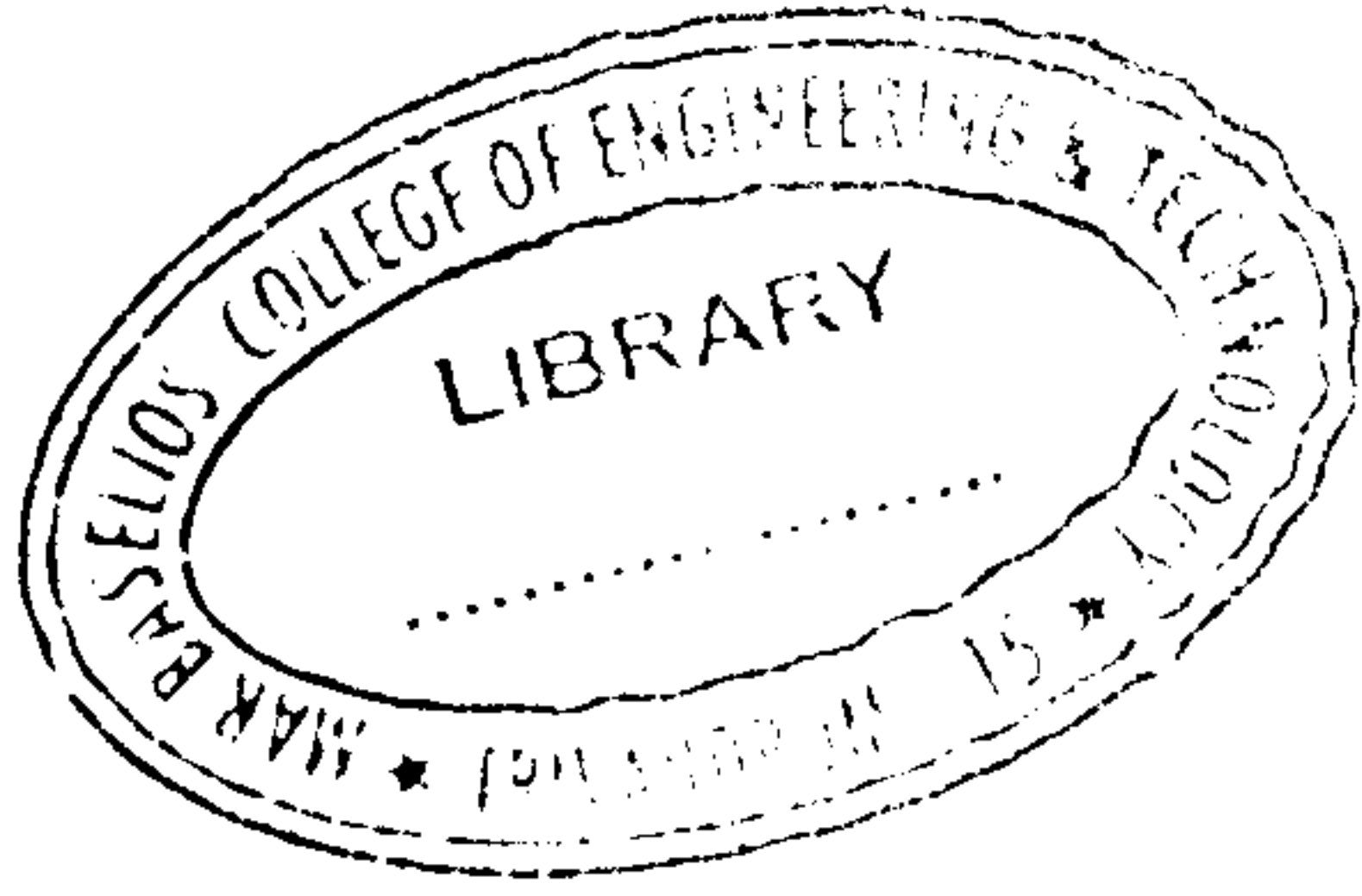
PART– B

**Module – I**

6. (a) What are the principles of management laid down by Henry Fayol? **10**  
(b) What are the resources in construction industry? Explain **10**
- OR
7. (a) Who are the participants and stakeholders of construction industry? **10**  
(b) What are the managerial functions of a construction team? **10**

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### Module – II

8. What is meant by techno economic feasibility study, explain? **20**

OR

9. What are the different types of costs associated with a construction project? Explain. **20**

### Module – III

10. (a) What are the details to be included in the notice inviting tenders? **10**

- (b) Explain the process 'awarding of tenders' **10**

OR

11. (a) What are the various methods of recording progress of work? **10**

- (b) What are the different stages of a project execution? **10**

### Module – IV

12. (a) What do you mean by work breakdown structure? What is its importance in network planning? **10**

- (b) What is scheduling? What are the different types of schedules in a construction industry? **10**

OR

13. Following are the duration of activities in a network for a small project

Activity	1-2	1-3	2-4	3-4	3-5	4-6	5-6
Duration in weeks	11	6	8	11	7	8	6

- (a) Draw the network

- (b) Find the activity time and float value for each activity

- (c) Determine the critical path and project completion time. **20**

