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Model Question Paper

Eighth Semester B.Tech Degree examination

(2008 Scheme)

Branch : Civil

03.805 : Construction Management

Time: 3 Hours

Max .Marks :100

Instruction : Answer all questions from Part A and one question from each module in Part B

PART – A

1. Who constitutes construction team in construction industry?
2. What are the stages in construction work?
3. Differentiate between EMD and SD
4. What are the various types of tenders.
5. Explain the rate of return analysis.
6. What are the costs associated with a project?
7. What is muster roll?
8. Differentiate between PERT and CPM .

(8x5=40 Marks)

PART – B

Module -1

- 9.a) What are the principles of scientific management advocated by F W Taylor?
- b) Explain the need of management in construction industry.

OR

10. What are the stages involved in project planning and implementation

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Module -11

11.a)What are the important conditions of contract included in contract documents?

b) Explain the process “awarding of tenders”

OR

12.a)What are the various methods of recording progress of work?

b)Write a short note on measures adopted in execution of construction works.

Module -111

13.a)What are the importance of planning and scheduling in construction industry?

b)Prepare a bar chart for the construction of a workshop. List the activities properly specify and their interrelationships. 20

OR

14. For a project network the following information is given:

| Activity | Duration(Days) |
|----------|----------------|
| 12 | 5 |
| 13 | 6 |
| 25 | 4 |
| 27 | 6 |
| 34 | 2 |
| 45 | 5 |
| 46 | 7 |
| 48 | 6 |
| 56 | 8 |
| 67 | 3 |
| 69 | 3 |
| 79 | 3 |
| 89 | 6 |

i)Draw project network

ii)Determine critical path and its duration

iii)Find the total float,free float and independant float of all activities

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