

SUBJECT CODE :- 49
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E. (Civil) Examination Nov/Dec 2015
Construction Management
(Revised)

[Time: Three Hours]

[Max. Marks: 80]

“Please check whether you have got the right question paper.”

- N.B
- i) Solve any three questions from each section
 - ii) Assume suitable data wherever necessary
 - iii) Figures to the right indicate full marks.

SECTION-A

- Q1. a) Explain the term Project Goals. 07
 b) State the objectives and explain the function of construction management. 07
- Q.2 a) Describe the terms project monitoring and control. 07
 b) Explain project evaluation 06
- Q.3 a) Describe the various parts, working of tunnel boring machine 07
 b) Enlist various types of concreting equipment used in construction along with their use. 06
- Q.4 a) Draw the following network and compute early start time, Early finish time, Latest start time, Latest finish time and Total float 12

Activity	1-2	1-3	2-4	2-5	3-5	3-6	4-7	5-7	6-7
Duration	7	3	10	5	3	5	7	10	5

- Q.5 Write a short notes on (Any Three) 12
- i) Time estimate in pert
 - ii) Management information system
 - iii) Work breakdown structure
 - iv) Feasibility studies.

SECTION-B

- Q.6 a) Write a short note on phases of capital budgeting. 07
 b) Explain the term means of finance 07
- Q.7 a) Explain minimum wages act 07
 b) Describe in detail tools used for safety in construction project 06
- Q.8 a) Explain the terms upward and downward communication. 07
 b) Explain in detail barriers in communication 06
- Q.9 a) What are the objectives of material management in construction industry? 06

b) Explain ABC analysis state its benefit in construction industry. 06

Q.10 Write a short notes on(Any three) 12

- i) Ranking method
- ii) Safety engineer
- iii) Horizontal communication
- iv) Written communication

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