

SUBJECT CODE NO:- P-312
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E. (Civil) Examination MAY/JUNE-2016
Construction Management
(Revised)

[Time: Three Hours]

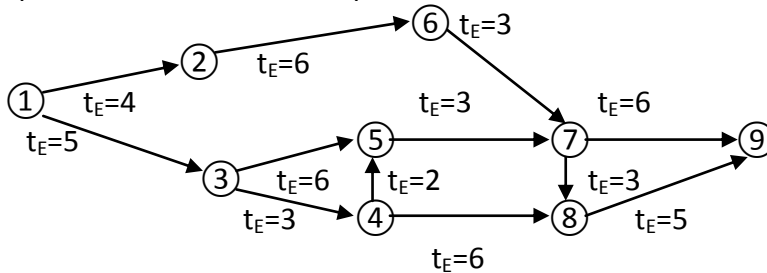
[Max Marks:80]

“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

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|-----|--|----|
| Q.1 | a) Explain total quality management in construction project. | 07 |
| | b) Explain project management phases. | 06 |
| Q.2 | a) Describe the terms Bar chart and Milestone chart, merits and demerits. | 07 |
| | b) Describe organizational breakdown structure. | 06 |
| Q.3 | a) Discuss cost slope and crashing of network. | 07 |
| | b) Distinguish between CPM and PERT. | 07 |
| Q.4 | The expected time of completion (in days) for each activity of a network is shown in Fig. 1 determine the critical path. Calculate earliest expected time, latest allowable occurrence time and slack. | 12 |



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|-----|---|----|
| Q.5 | Write short notes on (<u>Any three</u>) | 12 |
| | i. Ready mix concrete | |
| | ii. Backhoe | |
| | iii. Detailed project report | |
| | iv. Network rules | |

Section B

Q.6	a) Enlist the different investment criteria method? Explain any one in detail.	07
	b) Explain remedial measures to be adopted in communication.	06
Q.7	a) Explain the term motivation for human resources in projects.	07
	b) What do you mean by job-evaluation? Explain its methods.	06
Q.8	a) Explain the terms Oral and Grapevine communication.	07
	b) Explain the terms Downward and Horizontal communication.	07
Q.9	a) Explain the responsibility of central material department in any construction organization.	06
	b) What are the different functions of material management?	06
Q.10	Write short notes on. (<u>Any three</u>)	12
	i. Classification method	
	ii. Safety manual	
	iii. EOQ model	
	iv. Microsoft project software	