

**April 2019**

*Time - Three hours  
(Maximum Marks: 75)*

- IN.B: (1) Q.No. 8 in PART - A and Q.No. 16 in PART - B are compulsory.  
Answer any FOUR questions from the remaining in each PART - A  
and PART - B*
- (2) Answer division (a) or division (b) of each question in PART - C.*
- (3) Each question carries 2 marks in PART - A, 3 marks in Part - B  
and 10 marks in PART - C. I*

PART - A

1. What is the objective of construction management?
2. What do you mean by ecological feasibility?
3. List the advantages of sole proprietorship.
4. Expand: TANSIDCO, ICICI.
5. Draw the time Vs cost optimisation curve.
6. Define value based ethics.
7. Define the term MIS.
8. Expand the terms: CPM, PERT.

PART - B

9. Define administrative approval and technical sanction.
10. Draw the page of a measurement book.
11. How the record for tools and plants to be maintained?
12. Explain standard deviation.
13. List the different modes of settlement in construction disputes.
14. What are the benefits of payment of wages act?
15. Explain N.P.V method.
16. Explain global banking culture.

[Turn over.....

## PART - C

17. (a) Describe the different feasibility studies necessity for a project.  
(Or)
- (b) Explain the various types of contract.
18. (a) Write short notes on: (i) Project office requirement (ii) Nominal muster roll.  
(Or)
- (b) What are the duties and responsibilities of section officer?
19. (a) The precedence relationships and durations of various activities of a project are as follows. Draw the CPM network. Calculate project duration. Find the critical path.

Activity	A	B	C	D	E	F	G
Pre-activity	None	A	A	A	B	C&E	D&F
Duration (Days)	3	6	16	10	8	5	3

- (Or)
- (b) Describe all types of schedules used in construction industry.
20. (a) Describe the role of designer, employer and worker in safety management.  
(Or)
- (b) Explain in detail about factories act.
21. (a) Describe any three entrepreneurship programmes existing in India.  
(Or)
- (b) (i) What are the requirements of MIS?  
(ii) What are role of personal, retail and rural banks in entrepreneurship development?