

April 2024

*Time – Three hours*  
*(Maximum Marks: 100)*

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.  
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. Write short notes on ecological feasibility of project.
2. Write short notes on land acquisition.
3. List out any three qualities of an efficient construction manager.
4. Write short notes on Daily Labour Report (DLR).
5. Write short notes on work breakdown chart.
6. What is the need for crashing an activity?
7. Write short notes on Arbitration.
8. Write short notes on code of ethics.
9. Write any three risks in entrepreneurial activities.
10. Write short notes on MIS.

PART – B

11. (a) Explain about duties and responsibilities of owner, consultant and contractor.  
(Or)  
(b) Explain the procedure of scrutiny and acceptance of tender.
12. (a) Describe about the various forms of business organizations.  
(Or)  
(b) (i) Write short notes on Administrative sanction. (7)  
(ii) What are the points to be kept in mind while recording the measurements in M-book? (7)

[Turn over.....

13. (a) The following are the activities and their duration.

Activity	A	B	C	D	E	F	G	H
Duration (days)	2	7	4	5	6	8	3	10

Activities A, E and H are the initial activities and are started concurrently. Activity A precedes B. B precedes C. F follows E. G follows C and F. G and H precedes D. Draw the CPM network. Mark the critical path. Tabulate EST and EFT for all activities.

(Or)

- (b) Explain about the following:  
(i) Resource levelling and its objectives (7)  
(ii) Construction scheduling.(7)

14. (a) Discuss the quality assurance techniques with reference to Inspection, Testing and Sampling.

(Or)

- (b) Explain in detail:  
(i) Payment of wages act(7)  
(ii) Factories act (7)

15. (a) Explain the different types of entrepreneurial development programmes existing in India.

(Or)

- (b) A firm with 10% cost of capital considers investing in a new machine with an expected life of 6 years. The cash flows resulting from this investment are as follows:

Year	1	2	3	4	5	6
Cash Inflow(Rs.)	31,000	17,000	21,000	25,000	29,000	33,000

Initial Investment is Rs.1 Lakh. Determine the Profitability Index, net present value and also state whether the project can be undertaken or Rejected.

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