

1287

April 2025

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. Mention any three functions of construction management.
2. What is tender notice?
3. List the forms of business organizations.
4. What is the purpose of M-Book?
5. Write about the stages of construction planning.
6. Write about Fulkerson's rule.
7. Mention different modes of settlement of disputes.
8. Mention any three major ethical issues.
9. Write short notes on DIC.
10. List the methods of present value computation.

[Turn over.....

PART - B

11. (a) Explain about different types of contract systems.
(Or)
(b) Discuss the different stages of planning by owner and contractor.
12. (a) Explain about administrative sanction and technical sanction.
(Or)
(b) Describe about construction supervision and construction superintendence.
13. (a) A construction project involves the following activities. Find the critical path and the project time.
- | Activity | 0-1 | 0-2 | 1-3 | 2-3 | 3-4 | 4-5 | 4-6 | 5-6 | 2-6 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Duration (days) | 18 | 4 | 5 | 4 | 6 | 6 | 2 | 2 | 12 |
- (Or)
(b) Write short notes on the following:
(i) Resource planning,
(ii) Cost slope and its significance in crashing.
14. (a) Explain the different approaches to improve safety in construction.
(Or)
(b) Write in detail about the following:
(i) Contract labour (Regulation and Abolition) Act
(ii) Employees Provident Fund (EPF) Act.
15. (a) Discuss about the risks and rewards of entrepreneurship.
(Or)
(b) Explain about project management and operations simulation packages.