

Register No.:

1321

October 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 any three functions of construction management.
2. What is land acquisition?
3. List the advantages of sole proprietorship.
4. What is meant by Nominal Muster Roll (N.M.R)?
5. Define bar chart.
6. Draw the time vs cost optimization curve.
7. What is meant by arbitration?
8. Define engineering ethics.
9. What are the requirements of a successful entrepreneur?
10. What are the requirements of MIS?

PART - B

11. (a) Discuss about the roles of government and construction agencies in construction activities.
(Or)
(b) Write notes on
 - (i) Security Deposit (SD)
 - (ii) Contractual obligations.
 - (iii) Earnest Money Deposit (EMD)

[Turn over.....

12. (a) Describe the qualities of an efficient construction manager.

(Or)

(b) Discuss the points to be kept in mind while recording the measurements in M-book.

13. (a) Jobs of a project network along with their time (duration in days) estimates are given below.

Job	1-2	1-6	2-3	2-4	3-5	4-5	6-7	5-8	7-8
Optimistic time (t_o)	4	4	8	10	7	5	12	9	11
Most Likely time (t_l)	7	6	12	20	12	10	15	12	19
Pessimistic time (t_p)	10	8	22	30	17	21	18	21	27

Draw the network diagram and find the critical path. Also compute standard deviation and variance.

(Or)

(b) Write notes on

- (i) Resource levelling and its objectives.
- (ii) Construction scheduling.

14. (a) Explain the causes of accidents in the construction industry.

(Or)

(b) Explain about the Employees Provident Fund (EPF) Act.

15. (a) Explain the role and significance of entrepreneurship.

(Or)

(b) Explain about the different types of banks.
