



CBCS SCHEME

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21ARC85

Eighth Semester B.Arch. Degree Examination, Dec.2025/Jan.2026 **Construction and Project Management**

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

1 What are the distinct phases within the life cycle of a construction project and could you provide an in – depth analysis of each phase? (20 Marks)

OR

2 Elaborate types of Organisation structures – suggest an organization chart for small construction. (20 Marks)

Module-2

3 Write short notes on following :
a. Cost Benefits Analysis. (10 Marks)
b. SWOT Analysis. (10 Marks)

OR

4 Briefly outline the role of a project manager across the various phases of the management process. (20 Marks)

Module-3

5 Define the following :
a. Tail event
b. Activity
c. Serial Activity
d. Parallel Activity (20 Marks)

OR

6 What are the key components and steps involved in project cost analysis? Give a brief outline. (20 Marks)

Module-4

7 What is the role of the project manager in ensuring that project specification are met throughout the project lifecycle? (20 Marks)

OR

8 a. Write a short note on Quality Management in construction. (10 Marks)
b. What are the health and safety measures are to be observed during construction? (10 Marks)

Module-5

9 a. Explain the factors involved in selecting equipment for the construction industry. (08 Marks)
b. Identify and explain two types of equipment used in earthwork operations. (12 Marks)

OR

10 Define and explain the difference between standard and special equipment and describe the parameters to be considered when selecting equipment. (20 Marks)

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