

Roll No. ....

**1433**

**B. Architecture 8th Semester  
Examination – May, 2026**

**CONSTRUCTION MANAGEMENT**

**Paper : AR-804-B/ARID-804**

*Time : Two hours ]*

*[ Maximum Marks : 50*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

*Note : Attempt any four questions. All questions carry equal marks.*

- 1. What are the key functions of construction management ? How do they contribute to the success of a construction project ? 12.5*
- 2. What is a Gantt chart ? How is it used as a tool for scheduling in construction management ? 12.5*
- 3. What are the key functions performed by an architect in construction management from concept to completion ? 12.5*

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4. What is a bar chart? Explain its use in planning and scheduling of construction activities. 12.5
- ~~5.~~ Draw a simple project network and identify the critical path. Assume at least 6 activities with given durations. 12.5
6. Describe how the Line of Balance method helps in identifying delays and maintaining production flow in a construction project. 12.5
- ~~7.~~ Explain the role of personal protective equipment (PPE) in ensuring site safety. List the types of PPE commonly used. <https://www.mdustudy.com> 12.5
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