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Total No. of Printed Pages: 1

Total No. of Questions: 6

B. Architecture (Semester – 4th)
BUILDING CONSTRUCTION-IV
Subject Code: BARC1426
Paper ID: [120122]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Explain answers with help of neat sketches
2. Student is required to attempt **any one question from each UNIT** making a total of three questions.

Unit 1

- Q1.** Explain in detail the role & importance of Dhajji walls construction along with construction details. **20**
- Q2.** Describe various Timber constructions with their advantages and limitations along with sketches of any two examples. **20**

Unit 2

- Q3.** Explain the importance of Timber floors and draw any two-fixing detail in 1:5 scale. **20**
- Q4.** Draft an open well Wooden Staircase with plan and section at a scale of 1:20. **20**

Unit 3

- Q5.** Describe and sketch different types of wooden trusses used in residential and commercial buildings. Also draw any gutter detail in 1:5 scale. **20**
- Q6.** Draw Queen Post Trusses for a workshop area of 9M X 6M with plan and section at a scale of 1:20. Also draw any detail in 1:5 scale. **20**