

Total No. of Pages : 01

Total No. of Questions : 07

B.Arch. (Sem.-2)

BUILDING CONSTRUCTION & MATERIAL-II

Subject Code : AR-124

Paper ID : [A0908]

Time : 4 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

- 1. Attempt TWO questions from Unit-I and TWO questions from Unit-II.**

UNIT-I

- | | | |
|----|---------------------------------------------------------------------------------------------------------|--------|
| Q1 | What are the various methods of seasoning of timber in buildings? Explain any two methods in detail. | (17.5) |
| Q2 | What are the various advantages and disadvantages of using water proofing felts cast iron over bitumen? | (17.5) |
| Q3 | Discuss in detail the various materials used as surface finishes in buildings. | (17.5) |

UNIT-II

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|----|---------------------------------------------------------------------------------------------------------|--------|
| Q4 | Draw the construction details of the damp proof course for an external 9" thick brick wall. | (17.5) |
| Q5 | Explain with suitable drawings, the construction details of a R.B.C roof. | (17.5) |
| Q6 | Design and draw the construction details for a ledged, braced and battened door for an opening of 1.2m. | (17.5) |
| Q7 | Draw the construction details of a bay window. | (17.5) |