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Total No. of Pages : 01

Total No. of Questions : 07

B.Arch. (2012 & Onwards) (Sem.-5)
BUILDING CONSTRUCTION & MATERIALS-V
Subject Code : BACH-502
M.Code : 71746

Time : 4 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Question 1 is compulsory. Attempt any TWO questions from each unit.

1. Write short notes on :

- a) Manufacturing of Wrought Iron Railing
- b) Manufacturing of Mild steel
- c) Sketch of grillage foundation showing all details till plinth level
- d) Sketch showing PVC sheet fixing inside Aluminium extruded sections
- e) Sketch showing Fixing of SS sections in 3.6 m high partition using commercial ply.

UNIT-I

- 2. Sketch various types of Wrought Iron used in Building Construction and its sizes .
- 3. Sketch various types of SS Sections used in Entrance gate 4.2m wide.
- 4. Sketch various types of Aluminium Sections used in roofing systems .

UNIT-II

- 5. Make the suitable details (On scale) of use of stainless steel in Balustrade of MS Staircase.
- 6. Make the suitable details (On scale) of use of grillage foundations and floor finish for sandy soil.
- 7. Make the suitable details (On scale) of Fink type truss over banquet hall. Clear ht. 7m.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.