

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

B. ARCH, I YEAR - II SEMESTER EXAMINATION (REGULAR), MAY 2015

BUILDING CONSTRUCTION (BC- 2)

Maximum Marks – 100

Time – 3.00 Hours

a) Answer any *Five* questions;

b) Question No. 8 is compulsory.

- Q1. Explain the following with help of neat sketches. (20)
a) Sliding Door. b) Revolving Door.
c) Corner Window d) Gable Window.
- Q2. Write short notes on door frame details and explain method of fixing it to brick masonry with neat sketches. (20)
- Q3. Write a short notes on the following with neat sketches. (20)
a) Dove tail joint b) Mortise and Tenon joint.
c) Notched joint d) Tust Tenon joint.
- Q4. Describe the methods used for preservation of timber in Building industry. (20)
- Q5. Explain the following with neat sketches. (20)
a) Soffit b) Nosing c) Tread d) Stringer
- Q6. Give a short notes of the following (20)
a) Linoleum flooring b) Marble flooring
c) Terrazo flooring d) Mud flooring
- Q7. What are the requirements of a good roof ? Explain the three categories of roofs with the help of neat sketches. (20)
- Q8. Write short notes on *any four* of the following. (4 X 5 = 20)
Draft the following for a 1200mm wide door in scale 1:2
a) Fixing detail of door frame to the wall.
b) Joinery detail of vertical and horizontal member of a door frames.
c) Joinery detail of the door shutter to the frame
d) Fixing detail of glass panel to the door shutter.
e) Joinery detail of brace member to the middle rail/ lock rail.
f) Fixing detail of the sliding wooden shutter to the frame.