

# SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

B. ARCH. I YEAR - II SEMESTER EXAMINATION (SUPPLEMENTARY), JULY 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 window      b) Framed and Panelled door  
c) Clerestory window      d) Dormer window
- Q2. What are the aspects to be considered while providing an opening for window in a room? (20)
- Q3. Explain any four defects of timber with neat sketches. (20)
- Q4. Why seasoning is required for timber? Explain any three methods of seasoning with sketches. (20)
- Q5. Explain the following with neat sketches. (20)  
a) Hand rail b) Landing c) Flight d) Riser
- Q6. What are the advantages of concrete over brick flooring and Morrum over mud flooring? (20)
- Q7. Write a short notes of the following (20)  
a) Thatch covering      b) Tiles      c) Galvanised corrugated iron sheet d) Slates.
- Q8. Write short notes on *any four* of the following. (4 X 5 = 20)  
Draft the following for a 1800mm wide window (scale 1:2)  
a) Fixing detail of window frame to the wall.  
b) Joining detail of vertical and horizontal member of the window frame.  
c) Joinery detail of wooden shutter panel.  
d) Fixing detail of the window shutter to the frame.  
e) Fixing detail of sliding shutter to the frame.  
f) Fixing detail of glass panel to the window shutter.