

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA
B. ARCH, II YEAR - III SEMESTER EXAMINATION (REG), DECEMBER - 2014
BUILDING CONSTRUCTION (BC-3)

Maximum Marks – 100

Time – 3.00 Hours

- a) Answer any Five questions*
b) Question NO. 8 is compulsory.

- Q1. a) List out the key factors for Staircase detailing (10)
b) Illustrate with sketches any five types of Stair cases (10)
- Q2. Explain with sketches the sequence of “Construction Methodology” for the “Mezzanine Floor – Project” worked during the studio exercise. (20)
- Note:*
Construction Technology: Wooden Decking, with Coluns & Beams of Mild Steel
- Q3. Explain different types of timber partitions along with neat sketches. (20)
- Q4. Suggest the type of Partition to be used for an opening of 3.0M X 2.1 M. Answer should be supported with neat sketches showing Plan, Elevation, Section and one detail. (20)
- Q5. a) Discuss briefly about the importance of external flooring for Built Environment. How the external flooring differs from internal flooring. (15)
b) List out various materials used for external paving based on the different activities performed. (05)
- Q6. Explain cross sectional detail of Tree plantation, Drainage details and Curb details used while fixing paving. Support with neat sketches. (20)
- Q7. Explain the mechanism of Sliding doors with appropriate sketches. (20)

(PTO)