

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR),
NOVEMBER-2015

B.ARCH, I YEAR I SEMESTER

BUILDING MATERIALS AND CONSTRUCTION – I (10110106)

Maximum Marks – 50

Time – 2.00 Hours

a) Answer any Two questions out of 1 to 4 questions.

b) Question No.5 is compulsory and answer any four out of six sub-questions.

- Q1. Explain the role of Sub structure and Super structure and their various parts in a Built form. (15M)
- Q2. Discuss Sand and Stone as building materials along with their applications, types and properties. (15M)
- Q3. Define Seasoning of Timber. Explain various types and purpose of Seasoning. (15M)
- Q4. Explain 'The Engineered Wood', its application, types and properties. (15M)
- Q5. Explain any four of the following. (4x5=20M)
1. Soda lime Glass
 2. Laminated Safety Glass
 3. Glass blocks
 4. Dove Tail Joint
 5. Mortise and Tenon Joint
 6. Finger Joint
