

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) NOVEMBER - 2016

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 I to 4 questions.

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

- Q1. What are the primary building elements? (15M)
Explain them briefly with sketches?
- Q2. Write short notes on following with examples. (15M)
a) Igneous rock b) Sedimentary rock
c) Metamorphic rock
- Q3. Explain the stages in manufacturing process of lime? (15M)
- Q4. Why do we need seasoning of Timber? Explain (15M)
any 3 types of methods of seasoning of Timber.
- Q5. Write short notes on any FOUR of the (4x5
following. =20M)
- 1) Slaking of Lime
 - 2) Defects due to conversion of Timber
 - 3) Plate glass
 - 4) Chemical properties of Metal
 - 5) Clay and its properties
 - 6) Sand and its properties
