SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR), MAY-2016

B.ARCH, I YEAR II SEMESTER (CE)

BUILDING CONSTRUCTION (BC 2)

Maximum Marks – 100　　　　　　　　**Time – 3.00 Hours**

a) Answer any __Four questions out of 1 to 7 questions__.
b) Question No. 8 is compulsory.

Q1. Explain the various Components of a building with appropriate sketches. **(20M)**

Q2. Explain   i) Queen closer,   ii) half bat,   iii) king closer,   iv) frog and   v) bevelled closer with neat sketches. **(5x4= 20M)**

Q3. Explain classification of stone masonry with appropriate sketches. **(20M)**

Q4. Sketch a section of wall, showing all the details starting from foundation to coping. The section should indicate two storied building with flat roof. The section line should pass through a door at ground floor and window at first floor. **(20M)**

Q5. What do you understand by R.C.C? Explain its importance with suitable examples. **(20M)**

Q6. Explain the various types of pitched roofs with necessary sketches. **(20M)**

Q7. Elucidate the comparative merits and demerits of brick masonry and stone masonry. **(20M)**

Q8. a) Draft the header bond showing odd and even courses of continuous one brick thickness.　 b) Draft the flemish bond showing odd and even courses of 'L' Junction having one brick thickness. **(2x10= 20M)**

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