



B.E DEGREE EXAMINATIONS: MAY 2015

(Regulation 2009)

Third Semester

CIVIL ENGINEERING

U13CET304: Building Construction

Time: Three Hours

Maximum Marks: 100

**Answer all the Questions:-
PART A (10 x 1 = 10 Marks)**

1. The structure below the ground level is called as _____
2. Which of the following equipment used for the pile driving purpose
 - a) Drop hammer
 - b) Crane
 - c) Scraper
 - d) All the above
3. Each horizontal layer of masonry unit is called as _____
4. The strength of the brick masonry depends upon
 - a) Types and quality
 - b) Mortar mix proportion
 - c) Size and shape
 - d) All the above
5. The art of removing of excess portion of stone is called as _____
6. _____ cut saw used to cut hard stones
 - a) Square
 - b) Cross cut saw
 - c) Mallet
 - d) Sall hammer
7. Under reamed pile foundation is suitable for _____ soil.
S2-Pile foundation suitable for shallow depth
 - a) S1&S2 are correct
 - b) S1 is Correct&S2 is wrong
 - c) S1 & S2 are wrong
 - d) S2 is correct & S1 is wrong
8. Shoring structure is a
 - a) Permeanant structure
 - b) Moving structure
 - c) Temporary structure
 - d) Sliding structure
9. The Equipment ured for earth work excavation is _____
 - a) Scraper
 - b) Crane

b) What are the types of bonds in bricks? Explain any three with sketch.

24. a) Sketch and name the components of a double scaffolding. What are its uses?

(OR)

b) Describe the method of constructing a floor with terracotta tiles?

25.a) Explain the construction of madras Terrace Roof

(OR)

b) Explain briefly the following term

i) Shoring

ii) Underpinning
