



B.E DEGREE EXAMINATIONS: JUNE 2014

(Regulation 2009)

Third Semester

CIVIL ENGINEERING

CEE105: Construction Technology

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. The preparation of surface of the stone to obtain required size and shape is known as
 - a) blasting
 - b) seasoning
 - c) quarrying
 - d) dressing
2. Number of vertical joints in a stretcher course is 'x' times the number of joints in a header course where 'x' is equal to
 - a) 1/2
 - b) 1
 - c) 2
 - d) 1/4
3. The construction method in which concrete is poured into a continuously moving form is known as
 - a) running form
 - b) Slipform
 - c) mover form
 - d) Vertical form
4. Temporary structure used to support a work crew and materials to aid in the construction, maintenance and repair of buildings
 - a) underpinning
 - b) formwork
 - c) shoring
 - d) scaffolding
5. Technique for installing underground pipelines, ducts and culverts
 - a) microtunneling
 - b) pipe jacking
 - c) tunneling
 - d) dredging
6. Structure that retains water and soil that allows the enclosed area to be pumped out and excavated dry.
 - a) caissons
 - b) diaphragm wall
 - c) cofferdam
 - d) Sheet piles
7. Helicopter method is a method of

b) Explain various types of sheet piles used in construction.

24. a) Explain any one method of erection of transmission tower.

(OR)

b) Enumerate the points to be considered during the erection of light weight components on tall structures.

25. a) Explain the factors to be considered before the selection of equipments for construction work.

(OR)

b) Discuss various types of concrete mixers.
