

320455(20)

BE (4th Semester)
Examination, Nov.-Dec., 2018
(New Scheme)

Building Construction

Time Allowed : 3 hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : (i) Attempt all questions. Part (a) of each question is compulsory. Attempt any two parts from (b), (c) and (d).
(ii) The figures in the right-hand margin indicate marks.

UNIT - I

- 1. (a) Give two important function of foundations. [2]
- (b) What are the causes of foundation failures and explain their rectification? [7]
- (c) Explain the construction of double under reamed pile foundation and reasons of its selection. [7]
- (d) How will you differentiate between expansive and non expansive soil? [7]

http://www.csvtuonline.com

http://www.csvtuonline.com

http://www.csvtuonline.com

TC-358

(Turn Over)

UNIT - II

- 2. (a) How will you define the term Masonry? [2]
- (b) Give short notes :
 - (i) Quions
 - (ii) Header
 - (iii) Stretcher [7]
- (c) Discuss various types of bonds in brick masonry. Which bond is normally used in construction and why? [7]
- (d) Define cavity wall. Explain with the help of sketches, general features of a cavity wall. [7]

UNIT - III

- 3. (a) What is the purpose of providing floor? [2]
- (b) Explain the construction of I.P.S. floors. What are the advantages and disadvantages of providing this type of floors. [7]
- (c) Give short notes on :
 - (i) Lean to Roof
 - (ii) Deck Roof [7]
- (d) Write a detail note on various type of roof coverings. [7]

UNIT - IV

- 4. (a) Explain Pointing. [2]

TC-358

(Continued)

- (b) Describe the method of damp proofing course for foundation. [7]
- (c) Differentiate between expansion and contraction joints. [7]
- (d) Write short notes on :
- (i) Plastering
- (ii) Pointing [7]

UNIT - V

5. (a) Enumerate types of stairs. [2]
- (b) Explain types of stairs with sketches. [7]
- (c) Discuss about the material and methods of sound proof construction. [7]
- (d) Discuss about the materials and methods of fire proof construction. [7]

<http://www.csvtuonline.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से