

No. of Printed Pages : 03

Roll No.

C74

B. Tech. EXAMINATION, 2020

(Third Semester)

(B Scheme) (Re-appear Only)

(CE)

CE207B

BUILDING CONSTRUCTION AND DRAWING

Time : 2½ Hours]

[*Maximum Marks : 75*

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Four* questions in all. All questions carry equal marks. Use of scientific calculator will be allowed in the examination. However programmable calculator will not be allowed. Assume any data if missing in the question paper.

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1

1. Explain all the components of a building with neat and clean diagram.
2. Write short notes on the following :
 - (a) Brick corbel
 - (b) Brick jambs
 - (c) Brick coping.
3. Explain, with sketches, the following types of doors :
 - (i) Battened and framed doors
 - (ii) Flush doors
 - (iii) Louvered doors.
4. Write down all different types of roofs. Explain any *two* in detail with neat and clean diagram.
5. Describe the method of damp proofing for the following :
 - (a) Basement in an area having high water table
 - (b) Floors.

6. Discuss various functions served by foundation. Also explain different types of foundations with neat and clean sketches.
7. Write a detailed note on fire-safety requirements for building.
8. Write down all types of stairs and explain any *three* in detail.