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Roll No

CE-113-CBCS
B.E. I & II Semester
Examination, June 2020
Choice Based Credit System (CBCS)
Fundamentals of Civil Engineering

Time : Three Hours

Maximum Marks : 60

Note : i) Attempt any five questions.
ii) All questions carry equal marks.

1. What are various requirements of a good building? Explain.
2. Give a brief detail of various types of disaster. Also explain disaster management.
3. Give a brief explanation of uses of door and windows in civil engineering.
4. What are the various branches of civil engineering? Explain.
5. Differentiate Brick Masonry and Stone Masonry.
6. a) What do you understand by the term “Disaster” and how it is connected with Civil Engineering?
b) Define Disaster mitigation and Management.

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OR

What is Cement? What are the various types of cement? Also explain manufacturing process of cement.

7. a) Write a short note on “Timber” and “Lime”.
b) What are various advantages and disadvantages of Stone masonry?

OR

- a) Classify the bricks with their properties and use.
b) Discuss the three important types of rocks and their formation.
8. Write short notes on any four of the following:
- a) Good stair case
 - b) R.C.C.
 - c) Cement Mortar
 - d) Good Quality Class ‘A’ Bricks
 - e) Cement Concrete
