

2041

**B.E. 3rd Semester (Civil Engg.) Examination,
December-2013**

**BUILDING CONSTRUCTION MATERIALS
AND DRAWING**

Paper- CE-203-E.

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions. All questions carry equal marks.

1. (a) Discuss the advantage and disadvantage of brick masonry over stone masonry. 10
- (b) Explain the different types of partition wall. 10
2. (a) What are the functions of a foundation ? State the requirement of a good foundation. 10
- (b) Differentiate between Damp-proofing and Waterproofing. 10
3. Explain the following terms : 4×5=20
- (a) Trussed Roof
- (b) Sliding Door
- (c) Sound Insulation
- (d) Fire fighting arrangement in a building

(2)

2041

4. (a) What do you mean by seasoning of stone ?
Explain. 10
- (b) What is the different classification of bricks ?
10
5. (a) Distinguish between fat lime and hydraulic lime.
10
- (b) Explain the properties of a good timber. 10
6. Explain the following terms : 4×5=20
- (a) Properties of cast iron
- (b) Types of Paint
- (c) Varnishes
- (d) Polymerization of plastic
7. Draw the typical drawing of following : 2×10=20
- (a) English bond.
- (b) Isolated Column footing
8. Draw the typical drawing of following : 2×10=20
- (a) Dog-legged stair
- (b) Corner window