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**5565**

Register Number:

Name of the Candidate:

**B.Sc. DEGREE EXAMINATION December 2014**

**(CONSTRUCTION MANAGEMENT)**

**(FIRST SEMESTER)**

**150: BUILDING CONSTRUCTION AND MATERIALS**

Time: Three hours

Maximum: 75 marks

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**Answer ONE FULL question from each UNIT**

**(5 × 15 = 75)**

**UNIT-I**

1. a) Explain the properties of building stones.  
b) What do you meant by stone quarrying?

(OR)

2. a) What are the characteristics of good bricks?  
b) Explain “Dressing of stone”.

**UNIT-II**

3. a) What are the advantages of using stones in stone masonry?  
b) Explain in detail about the properties and use of gypsum in Civil Engineering works.

(OR)

4. a) Give the properties and uses of Aluminium.  
b) Write briefly about Flemish bond.

**UNIT-III**

5. a) Explain in detail the flooring materials. List out some of the commonly used flooring materials.  
b) List the different types of stairs. Explain any one with neat sketch.

(OR)

6. a) Discuss the various types of foundations with neat sketch.  
b) Explain mat footing with neat sketch.

**UNIT-IV**

7. a) Write short notes on the following materials (i) Wired glass (ii) Coloured glass.  
b) In the construction of buildings, give the uses (i) lead (ii) copper
- (OR)
8. a) Explain the properties and uses of non-ferrous metals in Civil Engineering Works.  
b) Explain the requirements of mild steel.

**UNIT-V**

9. a) Describe the different types of pointing with neat sketch.  
b) What are the general requirements of water proofing compounds? List some of them.
- (OR)
10. a) Write short notes on (i) Form work (ii) Scaffolding.  
b) Explain the various types of paints.
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