

1. Answer all questions. 2x10
  - a) Define foundation.
  - b) What do you mean by nominal and standard bricks?
  - c) Define dressing of stones.
  - d) What do you mean by cornice?
  - e) Define DPC of building.
  - f) Define water-cement ratio.
  - g) What do you mean by Bogue's compounds?
  - h) Define metamorphic rock.
  - i) Define parapet wall of a building.
  - j) Define green building.
  
2. Answer any SIX questions. 5x6
  - a) Explain the manufacturing process of bricks.
  - b) Explain different types of rocks.
  - c) Explain the manufacturing process of cement.
  - d) Explain various components of a staircase with neat diagram.
  - e) Explain different types of bonds in brick masonry.
  - f) Explain different types of roofs in detail.
  - g) Explain methods to prevent dampness in a building.
  
3. Describe different parts of timber with neat sketch? Define exogeneous and endogenous trees. 8+2
  
4. Describe the good qualities of a brick. 10
  
5. What do you mean by seasoning of timber? Explain various methods of seasoning. 2+8
  
6. Explain different types of doors and windows with sketch. 10