

4. Discuss with proper sketch the functioning of a SEPTIC TANK. 20
5. Why are UNDER GROUND Water reservoirs needed? Define how water is distributed to a building from the underground reservoir till it reaches toilets/ Kitchen etc. 20
6. What is a GREEN BUILDING? Discuss ways of energy conservation employed in green buildings. 20

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**BACHELOR OF CONSTRUCTION ENGG. EXAMINATION, 2011**  
(2nd Year, 2nd Semester, Supplementary)

**Building Services**

Time : Three hours

Full Marks : 100

Answer for 100 marks. Provide appropriate sketches where necessary.

1. Write short notes on any five of the following :5x8 = 40
- a) Escalators
  - b) Central Airconditioning system.
  - c) Electrical wiring in buildings.
  - d) 'Traps' in drainage layout of buildings.
  - e) Cross ventilation
  - f) Oxidation pond.
  - g) Freeboard.
  - h) Lift machine room.
2. What is RAIN Water Harvesting? How is it useful to us? 20
3. What are WET LANDS? Why are Wetlands and their preservation important to us? 20

[ Turn Over ]