



- 2 Which naturally available energy sources are you aware of ? 10  
Write in brief about any one such energy, illustrating how it could be tapped, stored and used.
- 3 Explain with sketches, any **two** topics in brief : 10
- (a) Igloo of Eskimos, as a climate responsive structure.
  - (b) Bhungas of Kutch, as a climate responsive structure.
  - (c) Earth air tunnel, as solution to thermal comfort.
  - (d) Solar panel array and its energy storage system.
- 4 Give a schematic diagram of a wind-mill and show how it can be linked to a residential building wiring circuit. 10
- OR**
- 4 List ways in which one can harness Solar energy for use in a residential building and show how it can be linked to a house wiring circuit. 10
- 5 Name the building that your group studied this semester and briefly explain the energy efficient features of the same building along with sketches or diagrams. 10
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