

Write the importance of ventilation in a building. What provisions are made for fresh air movement.

13

13

13

OR

Write detailed note on any three.

8.

- i) Convective cooling.
- ii) Physiological cooling.
- iii) Gross Ventilation.
- iv) Air conditioning system.
- v) Refrigeration effect.
- Discuss the installation of Lift. What are the different security & alarm system used in lifts. 13

## OR

- 10. Explain the process of escalator installation. Discuss the significance of escalator for 13 physically handicapped people.
- 11. What planning considerations are to be made for the fire safety in a building ? Discuss 13 various non-combustible material used.

OR

\*\*\*\*\*\*

2

- 12. Write detailed note on any three.
  - i) Means of Escapes.
  - ii) Fire Alarm System.
  - iii) Fire fighting System.
  - iv) Heat & Smoke detectors.
  - v) Automatic Sprinkler.

KNT/KW/16/7439