

B.I.D. (Sem.-IV) Examination
403 AR Service-II
May-2017

Time : 2 Hours]

[Max. Marks : 50

Instruction:

1. Assume suitable data if necessary.
2. Neat proportionate sketches are necessary to explain theories.
3. Figures to the right indicate full marks.

- Q-1 What is CCTV? What are the types of CCTV and its system? (10)
- Q-2 (a) Describe in detail the basic sprinkler system alternatives and explain where they would be used? (10)
- OR**
- (b) Describe operation and application of Automatic sprinkler systems.
- Q-3 (a) What factor should be considered to limit the fire spread? (10)
- OR**
- (b) What are the characteristics of fire resisting material and explain the general rule for fire resisting building?
- Q-4 (a) Define and explain HVAC. State its importance and function. (10)
- OR**
- (b) What is ventilation? Explain various methods of ventilation for buildings.
- Q-5 (a) Describe various types of air conditioning systems in detail (10)
- (b) Explain the difference between single duct air conditioning system and dual duct air conditioning system.
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