



**Module-5**

- 9 a. Explain the following with respect to Arduino programming.
- i) Structure
  - ii) Functions
  - iii) Variables
  - iv) Flow control statements
  - v) Data type
  - vi) Constants.
- b. Explain Raspberry Pi learning board.

(08 Marks)

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**OR**

- 10 a. Write a python program on Raspberry Pi to blink an LED. (06 Marks)
- b. Explain Smart city security architecture. (06 Marks)
- c. Write a short note on :
- i) IOT challenges
  - ii) Backhaul Technologies. (04 Marks)

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