E-Business

Assignment- Week 8

TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10   **Total mark: 10 X 2 = 20**

QUESTION 1:

Which of the following is benefit of RFID over Barcode

    a. Item level identification
    b. Keeping item details in a code
    c. Low cost
    d. No need for a scanner

Correct Answer: a

Explanation: Slide 4,5

QUESTION 2:

What are the three elements of an RFID setup?

    a. EPC, Savant, PML
    b. Tag, reader, middleware
    c. Tag, EPC, PML
    d. Tag, reader, EPC

Correct Answer: b

Explanation: Slide 10

QUESTION 3:

Which of the following RFID tags is suitable for supply chain applications?

    a. Active read write tag
    b. Semi-active read write tag
    c. Passive read write tag
    d. Passive read only tag

Correct Answer: d

Explanation: Slide 14 and 27

QUESTION 4:

Which of the following tag types have highest read range

      a. Passive
      b. Active
      c. Semi-active
      d. Readonly

Correct Answer: b

Explanation: Slide 14

QUESTION 5:

Which of the following technical concern may arise if an RFID tag is attached to an electric motor and sends distorted data:

      a. Electromagnetic interferences
      b. Data formats in compatibility
      c. Standard incompatibility
      d. Lack of reader coordination

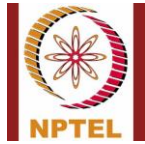**Correct Answer: a**

Explanation: Slide 33

QUESTION 6:

TIGER files are an important data source for

      a. GPS
      b. **GIS**
      c. RFID
      d. IOT

Correct Answer: b

Explanation: Slide 47

QUESTION 7:

Which of the following is an IoT device

  a. GPS device
  b. RFID reader
  c. RFID tags
  d. GIS software

Correct Answer: b

Explanation: Slide 76

QUESTION 8:

Mobile phones are a powerful IoT device. You have a home security APP installed in the phone that not only shows the visuals from the home, it creates alert messages when some unusual movements happen in the home. This detection process is at the _____ layer of IoT architecture.

  a. Integrated application
  b. Information processing
  c. Network construction
  d. Sensing and identification

Correct Answer: b

Explanation: Slide 77

QUESTION 9:

Under which condition, barcode is a preferred option over RFID.

  a. The items are packed in a wooden box
  b. The items are packed in a metal box
  c. The items are packed in a plastic box
  d. Items are packed in a carton

Correct Answer: b

Explanation: Slide 31

QUESTION 10:

Which of the following application domain does not generate Big Data

      a. Data generated from a social networking site like Facebook
      b. Data generated from the traffic cameras from installed in a city
      c. Your online transactions in Amazon prime website
      d. Tracking the locations of all the moving vehicles from Uber's control room

Correct Answer: c

Explanation: Slide 106

************END*******