

IoT(18EC64) Assignment/Quiz-1 (Internet of Things(6th Sem))

* This form will record your name, please fill your name.

1. Which of the following statement/s regarding Ethernet is true
(1 Point)

- Requires a cable per sensor/sensor group
- Range is limited
- Link is unreliable
- d) None of these

2. Which of the following is a data related problem that arise in IoT
(1 Point)

- Big data is getting bigger
- Bandwidth in last mile IoT networks is large
- Latency can be very high
- The volume of data transmitted over backhaul is low

3. Which among the following does not follow the protocol stack defined by IEEE 802.15.4
(1 Point)

- 6LoWPAN
- Zigbee
- Thread
- Bluetooth

4. Which among the following is a short range technology
(1 Point)

- IEEE 802.11
- IEEE 802.3
- IEEE 802.15.1
- IEEE 1901

5. Which among the following is a standard defined for narrowband power line communication
(1 Point)

- IEEE 1902.1a
- IEEE 1901.2a
- IEEE 1902.2a
- IEEE 1912.2a

6. Query based, data at rest and non-real time are the characteristics of which domain?
(1 Point)

- IT
- OT

7. Which among the following is the default implementation in LoRa WAN implementation

(1 Point)

- Class A
- Class B
- Class C

8. "Star of stars" topology is used in

(1 Point)

- LoRa WAN
- SANET
- SCADA
- PAN

9. The oneM2M architecture divides IoT functions into ----- domains

(1 Point)

- Nine
- Seven
- Five
- Three

10. Which of the following is not the characteristics of fog computing

(1 Point)

- Use for real-time interactions
- Short range
- Geographic distribution
- Deployment near IoT end points

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IOT(18EC64)-ASSIGNMENT-QUIZ-2

(Internet of Things(6th Sem))

* This form will record your name, please fill your name.

1. Flexibility and control in allocating cells for communication between nodes is seen in
(1 Point)

- Static scheduling
- Remote monitoring and scheduling management
- Hop-by-hop scheduling
- Neighbor-to-neighbor scheduling

2. Images, audio, video are all examples for
(1 Point)

- Unstructured data
- Structured data

3. Which among the following is not a commonly used industrial protocol
(1 Point)

- ICCP
- OPC
- SCADA
- DNP3

4. Netflow data is accessed using
(1 Point)

- Flow export timers
- FNF exporter
- FNF flow record
- FNF flow monitor

5. Edge streaming analytics is responsible for performing
(1 Point)

- Reducing data at the edge
- Analysis and response at the edge
- Time sensitivity
- All the above

6. Reassembly in a correct sequence, flow control, window adjustment and retransmission of lost packets are the services provided by UDP protocol
(1 Point)

- True
- False

7. Which one of the following is not the key advantages of internet protocol
(1 Point)

- Versatile
- Scalable
- Manageable
- Insecure

8. IPv6 header compression was defined in RFC 4944 and updated in RFC 6268
(1 Point)

- True
- False

9. Which of the following statement is true
(1 Point)

- COAP is more reliable than MQTT
- MQTT provides one to one communication
- MQTT follows publish/subscribe type of messaging
- MQTT is effective in case of LLNs

10. Analytic databases are referred to
(1 Point)

- Structured databases
- Unstructured databases
- Big data
- Massively parallel processing databases

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