

IOT Sensor and Protocol_7th Semester Quiz-1

Total points **20/20** ?

Internet of Things Quiz -1, Based On Unit-1

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0 of 0 points

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MCQ Type -A

10 of 10 points



✓ Which of the following category is used for business to consumer process?

*1/1

- ☐ Group IoT
- ☐ Community IoT
- ☒ Industrial IoT
- ☐ Personal IoT



✓ MQTT is: *

1/1

- ☐ Based on client-server architecture
- ☒ Based on publish-subscribe architecture
- ☐ Based on both of the above
- ☐ Based on none of the above



✓ Which of the following is not an advantage of IoT? *

1/1

- ☐ Improved Customer Engagement
- ☒ Security
- ☐ Reduced Waste
- ☐ Enhanced Data Collection



✓ What is the full form of the LPWAN? *

1/1

- ☐ Low Protocol Wide Area Network
- ☒ Low Power Wide Area Network
- ☐ Long Protocol Wide Area Network
- ☐ Long Power Wide Area Network



✓ Internet domain name and hostname are translated into IP address by_____.

*1/1

- ☒ Domain name system
- ☐ Domain name database
- ☐ Router
- ☐ Domain information system



✓ MQTT stands for_____.*

1/1

- ☐ MQ Telemetry Things
- ☐ MQ Transport Telemetry
- ☐ MQ Transport Things
- ☒ MQ Telemetry Transport



✓ Which is the future application of IoT? *

1/1

- ☐ QoS in communication
- ☒ Role of green IoT system
- ☐ Secure communication
- ☐ Multimedia communication



✓ The term "Internet of Things" was coined by? *

1/1

- ☒ Kevin Ashton
- ☐ Guido van Rossum
- ☐ IBM
- ☐ Ross Ihaka



✓ In which year, the term "Internet of Things" was coined? *

1/1

- ☐ 1998
- ☒ 1999
- ☐ 2000
- ☐ 2001



✓ What is the full form of IaaS? *

1/1

- ☐ Internet as a Software
- ☐ Internet as a Service
- ☐ Infrastructure as a Software
- ☒ Infrastructure as a Service



Part-B

10 of 10 points

✓ What is the standard port number of secure MQTT? *

1/1

- ☐ 1883
- ☐ 8000
- ☒ 8883
- ☐ 8888



✓ What is the frequency rate of z-wave? *

1/1

- ☒ 908.42 GHz
- ☐ 928.49 GHz
- ☐ 888.42 GHz
- ☐ 708.49 GHz



✓ What is the main purpose of WoT (Web of Things) in the IoT? * 1/1

☒ Improve the usability and interoperability ✓

☐ Reduce the security

☐ Complex the development

☐ Increase the cost

✓ What is the range of z-wave? * 1/1

☒ 30 to 100 m ✓

☐ 300 to 1000 m

☐ 100 to 1000 m

☐ Only 10 m

✓ An IoT network is a collection of _____ devices. * 1/1

☐ Signal

☐ Machine to Machine

☒ Interconnected ✓

☐ Network to Network



✓ Which of the following is the example of a short-range wireless *1/1 network?

☐ VPN

☒ Wi-Fi ✓

☐ Internet

☐ WWW

✓ What is MQTT primarily used for? * 1/1

☐ User communication

☐ System transfer

☒ Machine to Machine Communication ✓

☐ Create connection

✓ Which one of the following protocols is lightweight? * 1/1

☐ IP

☐ HTTP

☒ MQTT ✓

☐ CoAP



✓ Which of the following protocols does the secure digital card application use? *1/1

☐ XMPP

☒ SPI ✓

☐ MQTT

☐ HTTPS

✓ Which of the following IoT networks has a very short range? * 1/1

☐ Short Network

☐ LPWAN

☐ SigFox

☒ Short-range Wireless Network ✓

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