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Week 02: Assignment 02

The due date for submitting this assignment has passed.

Due on 2025-08-06, 23:59 IST.

Assignment submitted on 2025-08-01, 18:25 IST

1 point

1) The full form of MQTT is

- a. Message Queue Telephone Transmission
- b. Message Query Telemetry Transport
- c. Message Queue Telemecicine Transport
- d. None of these

(a)

(b)

(c)

(d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(c)

2) Which of the following is NOT a method in MQTT?

1 point

- a. Break
- b. Stick
- c. Run
- d. All of these

(a)

(b)

(c)

(d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a)

3) Which of the following is/are component/components of MQTT?

1 point

- a. Publishers
- b. Subscribers
- c. Brokers
- d. All of these

(a)

(b)

(c)

(d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(d)

4) State whether the following statement is true or false.

1 point

SMQTT is an extension of MQTT which uses lightweight attribute based encryption. It has three main stages.

- a. True
- b. False

(a)

(b)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(b)

5) The OSI model has _____ layers.

1 point

- a. 6
- b. 8
- c. Both (a) and (b)
- d. None of these

(a)

(b)

(c)

(d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(d)

6) The two sub-layers of CoAP are -

1 point

- a. Messaging and Holding
- b. Messaging and Backoff
- c. Messaging and Teardown
- d. None of these

(a)

(b)

(c)

(d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(d)

7) What is the full form of AMQP in the context of IoT protocol?

1 point

- a. Another Message Queuing Protocol
- b. Anchored Message Queuing Protocol
- c. Adjacent Message Queuing Protocol
- d. None of these

(a)

(b)

(c)

(d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(d)

8) XMPP uses the _____ architecture.

1 point

- a. Publish-subscribe
- b. Client-server
- c. Both (a) and (b)
- d. Neither (a) nor (b)

(a)

(b)

(c)

(d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(b)

9) How many message delivery guarantee modes are there in the AMQP protocol?

1 point

- a. 2

- b. 3

- c. 4

- d. None of these

(a)

(b)

(c)

(d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(b)

10) Which of the following is/are NOT an AMQP frame type?

1 point

- a. Open

- b. Close

- c. Random

- d. None of these

(a)

(b)

(c)

(d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(c)

11) State whether the following statement is true or false.

1 point

Statement: IEEE 802.15.5 was developed for low data rate monitoring and control applications and extended life low power communication uses.

- a. True

- b. False

(a)

(b)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(b)

12) Which of the following is/are exchange types in AMQP?

1 point

- a. Direct
- b. Indirect
- c. Both (a) and (b)
- d. None of these

(a)

(b)

(c)

(d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

13) State whether the following statement is True or False.

1 point

Statement: The IEEE 802.15.4 operates in ISM band.

- a. True

- b. False

(a)

(b)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(b)

14) The networking topologies supported in the IEEE 802.15.4 are -

1 point

- a. Only Star

- b. Star and Mesh

- c. Only Mesh

- d. None of these

(a)

(b)

(c)

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