

Question **23**

Answer saved

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2

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question

Business continuity and Disaster Recovery in support layer can be achieved by:

Select one:

- ☐ a. Heterogeneity.
- ☐ b. Data Security.
- ☐ c. Interoperability.
- ☒ d. Data back up plans.

[Clear my choice](#)

Question **24**

Answer saved

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2

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question

A large amount of sensor data along with the communication overhead caused by large number of devices authentication can cause .....

Select one:

- ☒ a. Network Congestion problem.
- ☐ b. Heterogeneity and Interoperability challenges.
- ☐ c. Man in the Middle attack.
- ☐ d. DoS attack.

Question **21**

Answer saved

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2

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question

In terms of IoT application, using technology to facilitate and support better planning and decision making and transforming the ways that public services are delivered, this is described:

Select one:

- ☐ a. Smart Cities.
- ☐ b. Smart classroom.
- ☒ c. Smart Government.
- ☐ d. Smart Healthcare.

[Clear my choice](#)

Question **22**

Answer saved

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2

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question

In terms of IoT global connectivity layer, it can be described as :


Select one:

- ☐ a. Big data.
- ☒ b. Internet.
- ☐ c. Cloud computing.
- ☐ d. LANs

Question **19**

Not yet answered

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 Remove flag

There are two factors that can affect the design of IoT, which are:

Select one:

- ☐ a. Encryption and Authentication mechanisms.
- ☐ b. Internet and other types of adopted networks.
- ☒ c. Application requirements and Specific goals of the business.
- ☐ d. OSI model and TCP/IP protocol.

[Clear my choice](#)

Question **20**

Answer saved

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 Flag question

Which one is considered as an Advantage of Smart Wearable Devices:

Select one:

- ☒ a. Portability
- ☐ b. Interoperability.
- ☐ c. Security.
- ☐ d. Functionality

Question **17**

Not yet answered

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🚩 Flag question

In terms of IoT components, which one is responsible about analyzing the collected data in order to take an appropriate decision:

Select one:

- ☐ a. Gateways.
- ☒ b. Actuators.
- ☐ c. Backend Servers
- ☐ d. Application Interface.

[Clear my choice](#)

Question **18**

Not yet answered

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🚩 Flag question

Sending error messages or dropping network traffic, this can be done by..... attack.

Select one:

- ☐ a. Denial of service.
- ☒ b. Routing attack
- ☐ c. Node jamming.
- ☐ d. Eavesdropping Attack.

Question 15

Not yet answered

Marked out of 2

Flag question

In terms of IoT components, the information made available to the end-user in some way, this can be achieved by:

Select one:

- ☒ a. User Interface
- ☐ b. Connectivity
- ☐ c. Sensors
- ☐ d. Data Processing

[Clear my choice](#)

Question 16

Not yet answered

Marked out of 2

Flag question

Sniffing of traffic in the wireless vicinity of WSNs, RFIDs or Bluetooth, this can be described as:

Select one:

- ☐ a. Network Congestion.
- ☐ b. RFIDs interference.
- ☒ c. Eavesdropping Attack.
- ☐ d. Node jamming in WSN.

Question **13**

Not yet  
answered

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2

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question

A service that enhances the security of the system for data storage, data processing, or data transmission, this is described:

Select one:

- ☐ a. Computer Security.
- ☐ b. Internet Security.
- ☐ c. Security mechanism.
- ☒ d. Security Service.

[Clear my choice](#)

Question **14**

Not yet  
answered

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2

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question

Which on is considered as TeleHealth Service :

Select one:

- ☐ a. ECG monitors
- ☐ b. BP monitors
- ☒ c. EMR clouds
- ☐ d. Remote medical education

Question 11

Not yet answered

Marked out of 2

Flag question

In terms of the Messaging Modes of CoAP, which mode is used for Client/Server direct communication where server sends its response within the acknowledgment:

Select one:

- ☒ a. Piggyback mode.
- ☐ b. Messaging mode.
- ☐ c. Client/server Mode.
- ☐ d. Separate mode.

[Clear my choice](#)

Question 12

Not yet answered

Marked out of 2

Flag question

IoT network architecture layers based on security perspective is composed of:

Select one:

- ☐ a. Other option.
- ☒ b. Perceptual layer, Network Layer, Support Layer and application layer.
- ☐ c. Physical layer, Network layer and Application layer.
- ☐ d. Network layer, Transport layer, Session layer and Application layer.

Question 9

Not yet answered

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Flag question

In order to enhance the security feature in MQTT, the exchanged messages will be encrypted by using:

Select one:

- ☐ a. Cryptographic algorithm and Asymmetric model with public and private key.
- ☐ b. The security services that are provided by https on the application layer.
- ☒ c. Cryptographic algorithm and symmetric master secret key.
- ☐ d. The services that are provided by TCP on the transport layer.

[Clear my choice](#)

Question 10

Not yet answered

Marked out of 2

Flag question

The word "Internet of Things" has two main parts:

Select one:

- ☐ a. Sensors and actuators.
- ☒ b. Internet and objects.
- ☐ c. LANs and gateways.
- ☐ d. Connectivity and applications.



Question 7

Not yet answered

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Flag question

The main purpose of Fake Node attack is to:

Select one:

- ☐ a. Alter some sensitive information and gain access to the node.
- ☐ b. Inserting malicious code to have illegal access.
- ☒ c. Making low power devices busy and consuming their energy.
- ☐ d. Denial of service.

[Clear my choice](#)

Question 8

Not yet answered

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Flag question

Data Integrity can be defined as:

Select one:

- ☐ a. protection against denial by one of the parties in a communication.
- ☐ b. prevention of the unauthorized use of a resource.
- ☒ c. assurance that data received is as sent by an authorized entity.

Question 5

Not yet answered

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Flag question

Which Characteristic is used to enhance the balance between the large number of connected devices and the overall performance in terms of IoT.

Select one:

- ☐ a. Application interfaces.
- ☐ b. Reliability.
- ☐ c. Connectivity.
- ☒ d. Scalability

[Clear my choice](#)

Question 6

Not yet answered

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Flag question

The sensitivity of a sensor under real conditions may differ from the value specified, this is called:

Select one:

- ☒ a. Sensitivity error.
- ☐ b. Sensor Resolution.
- ☐ c. Transducer.
- ☐ d. Stimuli of sensor.

Question **3**

Not yet answered

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Flag question

The Resolution of a sensor can be defined as:

Select one:

- ☐ a. The specifications will give the maximum and the minimum values that it can be measured of the physical property by a sensor.
- ☐ b. The sensitivity of a sensor under real conditions.
- ☐ c. The coverage area size for each sensor.
- ☒ d. The smallest change it can detect in the quantity that it is measuring.

[Clear my choice](#)

Question **4**

Not yet answered

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Flag question

In terms of IoT application, Is a heterogeneous computing, wirelessly communicating systems of apps and devices that connect patients and health providers, this is described:

Select one:

- ☒ a. IoT in Healthcare.
- ☐ b. IoT in Education.
- ☐ c. IoT in Transportation.
- ☐ d. IoT in Smart cities.

Question **1**

Not yet  
answered

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2

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question

Delivery of healthcare services and clinical information to remote areas is described by:

Select one:

- ☒ a. TeleHealth.
- ☐ b. Telesurgery.
- ☐ c. Remote medical education.
- ☐ d. Telemedicine.

[Clear my choice](#)

Question **2**

Not yet  
answered

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2

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question

A mechanism that is designed to detect, prevent, or recover from a security attack, this is described:

Select one:

- ☐ a. Authentication.
- ☐ b. Security service.
- ☒ c. Security Mechanism.
- ☐ d. Access Control.

Question **25**

Answer saved

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question

Non-Repudiation can be defined as:

Select one:

- ☐ a. protection of data from unauthorized disclosure.
- ☒ b. protection against denial by one of the parties in a communication.
- ☐ c. prevention of the unauthorized use of a resource.
- ☐ d. assurance that data received is as sent by an authorized entity.

[Clear my choice](#)