

Question **19**
Answer saved
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2
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. Stimuli of sensor.
- ☐ d. Transducer.

[Clear my choice](#)

Question **20**
Answer saved
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question

In terms of communication technologies in IoT, Zigbee has Communication range equals to:

Select one:

- ☐ a. 100 – 200 m.
- ☐ b. less than 50 m.
- ☐ c. 200 – 250 m.
- ☒ d. 10 – 100 m.

[Clear my choice](#)

Question **18**
Answer saved
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2
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question

In terms of communication technologies in IoT, 6LowPAN is based technology.

Select one:

- ☒ a. Low power WAN supporting.
- ☐ b. Internet Protocol.
- ☐ c. Low power RFID.
- ☐ d. Low power Bluetooth.

[Clear my choice](#)

Question **19**
Answer saved
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2
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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. Stimuli of sensor.
- ☐ d. Transducer.

[Clear my choice](#)

Question **16**
Answer saved
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1
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question

In terms of IoT connectivity, the Unique Building Block is composed of:

Select one:

- ☐ a. Internet and Application services
- ☐ b. The Global network and Gateways
- ☒ c. LAN IoT, WAN IoT, Node IoT, Gateway IoT and Proxy
- ☐ d. LAN and WAN only

[Clear my choice](#)


Question **17**
Answer saved
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question

In terms of Connectivity in IoT, internetworking can be described as:

Select one:

- ☐ a. Inter connecting of two different WANs.
- ☐ b. Inter connecting among different nodes in the same Gateway domain.
- ☒ c. Inter connecting of two different LANs.
- ☐ d. Inter connecting between the nodes in a domain with their related Gateway.

[Clear my choice](#)


Question **15**
Answer saved
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In terms of IoT connectivity, there are many factors affect the choice of communication technology to be used such as:

Select one:

- ☒ a. power demands and battery life.
- ☐ b. Integrity.
- ☐ c. Authentication
- ☐ d. Access Control.

[Clear my choice](#)


Question **13**
Answer saved
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In terms of IoT connectivity, there are many factors affect the choice of communication technology to be used such as:

Select one:

- ☐ a. Connectivity Issues.
- ☐ b. Users Requests.
- ☒ c. Technical Demands.
- ☐ d. Range and data requirements

[Clear my choice](#)

Question **14**
Answer saved
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question

In terms of communication technologies in IoT, 6LowPAN can be described as.....:

Select one:

- ☐ a. IPv6 High-power wireless Personal Area Network
- ☐ b. IPv6 Low-power wireless Wide Area Network.
- ☐ c. IPv4 Low-power wireless Personal Area Network
- ☒ d. IPv6 Low-power wireless Personal Area Network

Question **11**
Answer saved
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question

Digital sensors produce..... output whereas Analog sensors produce..... output.

Select one:

- ☐ a. Continuous, Discrete.
- ☒ b. Discrete, Continuous.
- ☐ c. General, Specific
- ☐ d. Specific, General.

[Clear my choice](#)

Question **12**
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In terms of communication technologies in IoT, Zigbee has data rate equals to:

Select one:

- ☐ a. 150 kbps.
- ☒ b. 250 kbps.
- ☐ c. 50 Kbps.
- ☐ d. 100 Kbps.

Question **10**

Answer saved

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1

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question

In general, each object has a uniqueto interoperate within the existing internet infrastructure.

Select one:

- ☒ a. Identifier.
- ☐ b. Physical address.
- ☐ c. Mac address.
- ☐ d. Port number.

[Clear my choice](#)

Question 8

Answer saved

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In terms of communication technologies in IoT, BLE has data rate equals to:

Select one:

- ☐ a. More than 100 Mbps.
- ☐ b. 50 Mbps.
- ☐ c. 100 Mbps.
- ☒ d. 1 Mbps.

[Clear my choice](#)

Question 9

Answer saved

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 Flag question

Temperature sensor is an example of:

Select one:

- ☐ a. Digital sensor.
- ☐ b. Actuator
- ☐ c. Transducer.
- ☒ d. Analog sensor.

[Clear my choice](#)

Question **6**
Answer saved
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question

The difference between IoT and Internet:

Select one:

- ☐ a. Level of addressing.
- ☐ b. Routing.
- ☒ c. The scope of this internet is going to be expanded.
- ☐ d. Speed of connectivity.

[Clear my choice](#)

Question **7**
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question

In terms of IoT components, the actuator is used for:

Select one:

- ☒ a. Sense the physical phenomena.
- ☐ b. Perform some actions on the physical environment.
- ☐ c. Define the required parameters to be detected.
- ☐ d. Send the collected data to cloud.

[Clear my choice](#)

Question 5

Answer saved

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In terms of IoT connectivity, the Mobility means:

Select one:

- ☐ a. A particular Node changes its position from a particular LAN to another LAN without changing the LAN's address.
- ☐ b. A particular Node changes its position from a particular LAN to another LAN but the address has to be changed.
- ☐ c. A particular Node changes its position from a particular WAN to another WAN with changing the address.
- ☒ d. A particular Node changes its position from a particular network to another network with assigning new address.

[Clear my choice](#)

Question **3**
Answer saved
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question

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

Select one:

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

[Clear my choice](#)

Question **4**
Answer saved
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The more is the Resolution of a sensor will help to achieve more:

Select one:

- ☐ a. Data collecting.
- ☐ b. Speed.
- ☒ c. Accuracy
- ☐ d. Applications

[Clear my choice](#)

Question 1
Answer saved
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2
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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. Sensors
- ☐ c. Connectivity
- ☐ d. Data Processing

[Clear my choice](#)

Question 2
Not yet
answered
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In terms of communication technologies in IoT, Z-Wave is is very scalable technology supports..... Network topology and it is enabling to control up to devices.

Select one:

- ☐ a. Ring, 5.
- ☒ b. Star, 400.
- ☐ c. Full mesh, 232.
- ☐ d. Bus, 10.

[Clear my choice](#)

Attempts allowed: 1

This quiz opened at Sunday, 9 May 2021, 1:30 PM

This quiz will close on Sunday, 9 May 2021, 2:10 PM.

To attempt this quiz you need to know the quiz password

Time limit: 40 mins

Summary of your previous attempts

State	Grade / 35	Review
Finished Submitted Sunday, 9 May 2021, 2:01 PM	26	

Your final grade for this quiz is 26/35.