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## Module 3 quiz

### Question 1

3.0/3.0 points (graded)

What is the main advantage of IPv6, and why does it suit IoT?

- ☒ IPv6 provides many more IP addresses, which increases the potential number of hosts and amount of data. ✓
- ☐ IPv6 is more up to date protocol with leaner mechanisms which suit modern microprocessors.
- ☐ IPv6 is faster and can carry more data.

Submit

You have used 1 of 1 attempt

### Question 2

3.0/3.0 points (graded)

What protocol is good for communication of IoT devices with restricted power and low data rates over a range of a few kilometres ?

- ☐ Bluetooth
- ☐ Zigbee
- ☒ LoRaWAN ✓

☐ 4G☐ WiFi

You have used 1 of 1 attempt

## Question 3

3.0/3.0 points (graded)

Which of these media is currently NOT used in communicating data?

☐ Wireless / electromagnetic waves☒ Hydrogen cables / electron ionisation ✓☐ Fibre optics / pulses of light☐ Copper cables / electrical signals

You have used 1 of 1 attempt

## Question 4

0.0/3.0 points (graded)

Communication in a network is carried via a \_\_\_\_\_ ?

☐ Sensor☒ Router ✗

☐ Medium ✓

☐ Device

☐ Controller

Submit

You have used 1 of 1 attempt

**i** Answers are displayed within the problem

## Question 5

0.0/3.0 points (graded)

When you upload a photo from your camera to a social media site, what kind of path is the information likely to travel?

☐ End device -> Modem -> Controller -> Your ISP -> Networks and Routers-> social media site's ISP -> social media site's server

☒ End device -> Controller -> Modem -> Your ISP -> Networks and Routers -> social media site's server -> social media site's ISP ✗

☐ End device -> Controller -> Modem -> Your ISP -> Networks and Routers-> social media site's ISP -> social media site's server ✓

☐ Controller -> Modem -> Your ISP -> Networks and Routers -> social media site's ISP -> social media site's server -> End device

Submit

You have used 1 of 1 attempt

**i** Answers are displayed within the problem

