edX

Final quiz
Question 1

2.5/2.5 points (graded)
When you have a potential IoT idea you want to develop properly, what must you **first** define?

○ Its Unique Value Proposition

⦿ Problem it sets out to solve ✔

○ Route to market

○ How it will work

Submit	You have used 1 of 1 attempt

Question 2

0.0/2.5 points (graded)
Which of these is NOT electronic equipment you can use for IoT prototyping?

○ Arduino microcontroller

⦿ Raspberry Pi microprocessor ✘

○ Blackberry router ✔

○ LED

Submit   You have used 1 of 1 attempt

ℹ Answers are displayed within the problem

Question 3

2.5/2.5 points (graded)
What is the W3C or World Wide Web Consortium?

○ A group that meets on the World Wide Web

○ A body that looks at disability issues on the internet

⦿ A body that creates web standards ✔

Submit   You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)

Question 4

2.5/2.5 points (graded)
What IoT solution is offered by HitIQ?

⦿ Mouthguard detecting impact forces to the head combined with collecting data to
    assist assessment and rehabilitation. ✔

○ Mouthguard to reduce impact forces and deliver immediate relief to athlete at time of impact.

○ Mouthguard that tells athletes when they are concussed and need to stop playing to avoid brain injury.

Submit	You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)

Question 5

2.5/2.5 points (graded)
Is it useful completing a business plan for a personal or in-house IoT product?

◉ Yes ✔

○ No

Submit	You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)

Question 6

0/2.5 points (graded)
What is Fog computing?

○ It is a type of computing that enhances P2P applications.

○ It is a type of computing that sends controller data to a sensor. ✖

○ It is a type of computing that disperses servers and services globally in distributed data centers.

○ It is a type of computing where services are hosted where they are used, such as at the network edge or with end devices. ✔

Submit   You have used 1 of 1 attempt

ℹ Answers are displayed within the problem

Question 7

2.5/2.5 points (graded)
What is an example of cloud computing?

○ A continuous interaction between people, processes, data, and things.

⦿ A service that offers on-demand access to shared resources. ✔

○ A network infrastructure that spans a large geographic area.

○ An architectural style of the World Wide Web.

Submit   You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)

Question 8

2.5/2.5 points (graded)
What is used to uniquely identify devices connected to the Internet?

⚪ gateway address

⦿ IP address ✔

⚪ device name

⚪ URL

⚪ ZigBee

Submit   You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)

Question 9

0/2.5 points (graded)
What are the three categories of components that make up a network infrastructure? Select three.

☐ protocols

☑ devices ✔

☑ media ✔

☑ services ✔

☐ operating systems

☐ programs

Submit	You have used 1 of 1 attempt

❶ Answers are displayed within the problem

Question 10

2.5/2.5 points (graded)
What are two challenges that are associated with the rapid growth of IoT? Select two.

☐ Adding more switching ports for new things.

☐ Improving Internet connections for organisations.

☑ Securing new devices that require different levels of security.

☑ Assure interoperability among different device vendors.

☐ Developing new programming languages specifically for IoT.

✔

Submit	You have used 1 of 1 attempt

✔ Correct (2.5/2.5 points)