edX

Module 1 quiz
Question 1

3.0/3.0 points (graded)
Which word or phrase **most accurately** sums up the main benefit of IoT technology?

- ○ Economies

- ○ Enhanced safety

- ○ Accuracy

- ◉ Efficiencies ✔

- ○ Energy use

- ○ Response time

Submit	You have used 1 of 1 attempt

Question 2

3.0/3.0 points (graded)

How can IoT help combat climate change?

- ⦿ Smart devices working to reduce energy use. ✔

- ◯ Prevention of methane release from cows.

- ◯ Free internet in cities to help people operate in the city more easily.

- ◯ Predictive maintenance of wind turbines, preventing burn out.

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Question 3

0.0/3.0 points (graded)

Which of the following disruptions - caused by vehicles becoming fully autonomous - were the people surveyed **most** worried about?

- ◯ Reduced private ownership of cars.

- ◯ Less traffic lights on roads.

- ◯ Reduced number of driving jobs.

- ⦿ Less space needed for parking. ✖

- ◯ Reduced vehicle emissions.

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Question 4

3.0/3.0 points (graded)

Smart cities use the Internet of Things to improve the quality of citizens' lives. True or False?

- ◉ True ✔

- ○ False

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Question 5

3.0/3.0 points (graded)

Which of the following is one of the ways IoT monitoring of dairy cows improves dairy farming?

- ○ The system tells you when cows are ready for milking, saving time spent on monitoring the herd.

- ○ The system can sound alarms when cows roam into neighbouring paddocks.

- ◉ The system notices the cows that are unwell, so they are treated quicker, which speeds up recovery time. ✔

- ○ The system results in more milk from the cows' udders for each milking.

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