

Chapter 1: Robot Futures

Vocabulary Review A **KEY**

Questions 1-10: Choose the word or phrase that best completes each sentence. Key words are in bold.

- Robots show great **diversity**, that is why they _.
a) are all essentially the same
b) come in many shapes and sizes
c) cannot be easily distinguished
- As an **asset**, a robot can be considered a _.
a) personal friend
b) future toy
c) kind of tool
- Rather than pay for her robot **annually**, she wanted to pay _.
a) every 12 months
b) once a month
c) every year
- Robots may make some mistakes **persistently** because _.
a) they don't know when to quit
b) robots are only as smart as people
c) it is the only way they learn
- It's likely that many people will be **affected** _.
a) while things stay the same
b) if robots stay the same
c) as robots take their jobs
- In order to **perceive** differences in some robots, you would need to _.
a) understand their programs
b) speak to them in person
c) ask them to do creative tasks
- A robot has to **interpret** the real world _.
a) with eyes like our own
b) through the use of sensors
c) by carefully listening
- An **innovation** in robotics would be _.
a) a human-like degree of intelligence
b) being able to pick up and put down things
c) performing jobs in a factory setting

- An area of **expertise** needed in constructing smarter robots is in _.
a) teaching kindergarten
b) architecture
c) artificial intelligence
- For a robot to get **access** to observe inside a collapsed mine, _.
a) it would have to be very large
b) it might take the form of a snake
c) it would likely resemble a human miner

Questions 11-15: Choose the correct part of speech of the word in bold.

- The robot factory was deemed **environmentally** unsafe.
a) noun
b) verb
c) adverb
- We **innovated** until the robots were able to build themselves.
a) noun
b) verb
c) adjective
- It was our **perception** that they weren't getting any smarter.
a) noun
b) adjective
c) adverb
- But they were working **interactively** with other robots on the Internet.
a) noun
b) verb
c) adverb
- It was a **technological** marvel but could spell the end of the human race.
a) adjective
b) verb
c) noun