

## 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