

Chapter 1: Robot Futures

Vocabulary Review B

a. Read each word in bold in context and choose the phrase that best completes each sentence.

- In order to **enable** the robot you need to ___.
 - turn it off
 - turn it on**
 - turn it around
- Our current **policy** is that no robot should be ___.
 - allowed to work unsupervised**
 - free to live its life peacefully
 - entitled to wages and pensions
- One **aspect** of robotics that may be in the future is ___.
 - using them to do tasks like vacuuming
 - making them part of assembly lines
 - teaching them to repair themselves**
- In order to **accelerate** the development of robots ___.
 - things need to slow down
 - we need to return to manual labour
 - scientists need to collaborate**
- The type of **precision** work a robot can do is ___.
 - surgery to avoid trembling hands**
 - lifting large objects because they are strong
 - digging rock in search of minerals
- When robots are **equipped** with cameras, they can ___.
 - see the world for themselves
 - be monitored at a distance**
 - feel more independent
- One feature we might want to **prioritize** in terms of robots is ___.
 - randomness
 - curiosity
 - safety**
- In order to identify **relevant** information, robots ___.
 - need to be trained**
 - should take a guess
 - can be left on their own
- One way that robots may **transform** the world is by ___.
 - taking jobs people don't want to do**
 - firing people from existing jobs
 - applying for new jobs as they arise
- A **valid** reason for destroying a robot is ___.
 - if it's too good at its job
 - if it harms a human**
 - based on its enthusiasm

b. Read the paragraph and choose the best word to complete each of the blanks.

devices	detecting	devastation	sensors	reconnaissance	deploy	constrained
	unpredictable	capable		reliable		

One of the areas where robotic **devices** are likely to be used is in **detecting** signs of life after the **devastation** of an earthquake. By using various **sensors**, robots can perform **reconnaissance** in dangerous buildings that have fallen down. Emergency workers who **deploy** such robots are not **constrained** by the **unpredictable** dangers that would affect human searchers. For example, robots may be **capable** of working in smaller spaces and in the presence of poisonous gas or even fire. When such robots become **reliable** and affordable, every fire department will want to use them.