1 Choose the correct answer from a, b, c or d.

1. ..... is one of the roles that the personal assistants like Alexa, Siri do.
   a. Performing surgery
   b. Understanding sound command and perform it
   c. Creating computer programs
   d. Learning languages
2. Sensors sense changes in the surrounding environment and convert it to ..... so that machines and devices can understand them and make appropriate decisions.
   a. data
   b. information
   c. knowledge
   d. signals
3. The robot structure may be made of ..... .
   a. metal
   b. plastic
   c. carbon
   d. all of them
4. LEGO Mindstorms robot is considered ..... robots.
   a. medical
   b. educational
   c. industrial
   d. agriculture

2 Put (✓) in front of the correct sentence and (×) in front of the wrong.

1. Narrow AI focuses on performing a specific task such as recognizing faces or translating language. ( )
2. Super AI is the most advanced and it can solve problems that are difficult for humans to solve easily. ( )
3. Doctors use artificial intelligence to help them diagnose and treat diseases relatively slow. ( )
4. Natural Language Processing (NLP) means understanding written and spoken human language. ( )

3 Complete the following sentences with the appropriate words in brackets.

(Smart games – Distance sensors – Deep learning – signal conversion)

1. ..... aims to enable computer systems to learn complex tasks in a way similar to the way humans learn.
2. ..... are from artificial intelligence applications.
3. Sensors work through 3 steps; they are sensing , transmission and ..... .
4. ..... devices measure distance between the robot and surrounding obstacles.

LIVEWORKSHEETS