Name: Class: Mark:

1. One characteristic of robots is that they have electrical components.

(a) Name **two** other characteristics of robots. [2]

(b) Identify **two** electrical components that a robot is likely to contain. [2]

2. One area where robots are used is in doing domestic activities and chores.

(a) Give **two** other areas where robots are currently used. [2]

(b) The below images show a manual batter-operated lawn mower and a robotic lawnmower.

A picture containing grass, outdoor, field, grassy

Description automatically generated

Compare a manual battery-operated lawn mower with a robotic lawnmower   
by giving **two** similarities and **two** differences. [4]

(c) Give **two** advantages and **two** disadvantages of using a robotic lawnmower. [4]

Advantage 1:

Advantage 2:

Disadvantage 1:

Disadvantage 2:

[Total 14 marks]