

Tahnoon bin Mohammed School- Cycle 2

Grade 6 - Science work sheet

Topic : Body systems

Teacher Ms. Sandhya

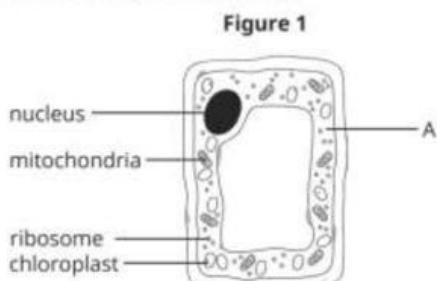
Recall:

What is the name of part A?

Tick **one** box.

Figure 1 shows a plant cell.

Some parts of the cell have been labelled.



cell membrane

cell wall

cytoplasm

vacuole

Understanding:

Which three parts found in a plant cell are **not** present in animal cells?

Tick **one** box.

[

cell membrane, chloroplasts, cytoplasm

cell membrane, chloroplasts, vacuole

cell wall, chloroplasts, cytoplasm

cell wall, chloroplasts, vacuole

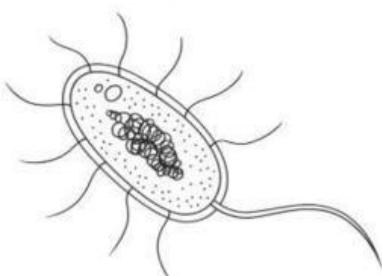
Give one function of the nucleus.

[1 mark]

Apply:

Figure 2 shows a different type of cell.

Figure 2



Give **two** pieces of evidence that suggest the cell in **Figure 2** is a bacterial cell.
[2 marks]

1. _____

2. _____

Analyze:

Cardiac muscle is one type of muscle found in the body.

1 What is the correct order of these structures from the simplest level of organisation to the most complex?

Tick **one** box.

[1 mark]

cardiac muscle → muscle cell → heart → circulatory system

cardiac muscle → muscle cell → circulatory system → heart

muscle cell → cardiac muscle → heart → circulatory system

muscle cell → cardiac muscle → circulatory system → heart

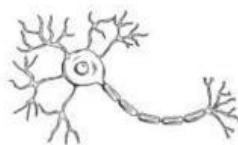
. **2** Which diagram shows a muscle cell?

Tick **one** box.

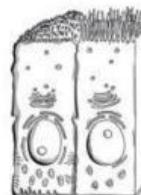
[1 mark]



A



B



C



D

. **3** Explain why muscle cells contain many mitochondria.

[2 marks]
