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| Name: | Due Date |
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| Scientific vocabulary | Definition |
|---------------------------|---|
| Organ | Group of different tissues working together to carry out a function |
| Organ system | A group of organs working together to perform a function |
| Red blood cell | An animal cell that transports oxygen around the body |
| Circulatory system | Organ system that transports substances around the body |
| Ventricles | Pump the blood out of the heart to the lungs or around the body |
| Atria | Blood is collected here when it enters the heart |
| Valves | To prevent blood from flowing backwards in the heart |

Q1: Which organ system is the heart part of? (1 mark)

Tick **one** box.

Breathing system

Circulatory system

Digestive system

Excretory system

Q2. The heart is part of the circulatory system.

Name **one** substance transported by the blood in the circulatory system.

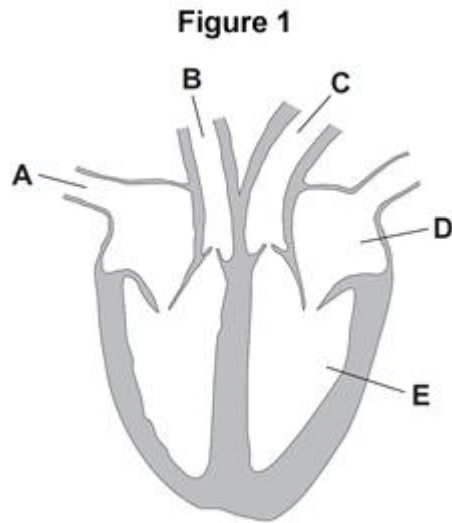
(1)

Q3. What is the main type of tissue in the heart wall?

(1)



Q4. **Figure 1** shows the human heart.



- (i) Which blood vessel, **A**, **B** or **C**, takes blood to the lungs?

(1)

- (ii) Name parts **D** and **E** shown in **Figure 1**.

D _____

E _____

(2)