

0 1

The body contains three different types of blood vessels:

- arteries
- veins
- capillaries.

0 1 . 1

Which of these statements about arteries is true?

[1 mark]

Tick **one** box.

Arteries carry blood away from the heart

Arteries carry blood at low pressure

Arteries have thin walls

Arteries have a large lumen

0 1 . 2

Which blood vessel carries oxygenated blood to the heart?

[1 mark]

Tick **one** box.

Pulmonary artery

Vena cava

Aorta

Pulmonary vein

0 1 . 3

Blood flows 22 mm along a vein in 0.5 seconds.

What is the rate of blood flow?

[1 mark]

Tick **one** box.

44 mm/s

44 cm/s

11 mm/s

0.023 mm/s

0 1 . 4

Figure 1 shows the exterior of the heart.

Coronary arteries carry blood to heart muscle.

Give **two** substances this blood carries to the heart muscle so the heart muscle can respire.

[2 marks]

1. _____
2. _____

Figure 1

