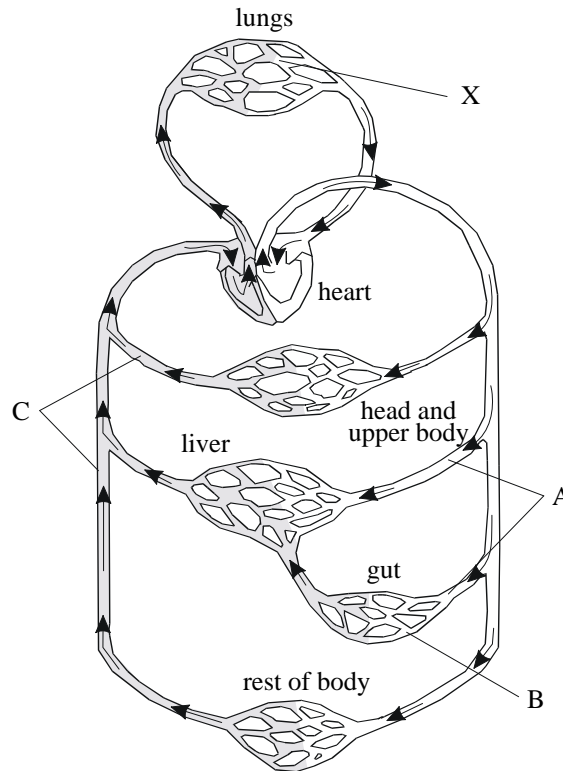


The blood system

1. The diagram shows part of the circulatory system.



(a) Name the types of blood vessel labelled A, B and C on the diagram.

A

B

C

(3)

(b) What is the job of the circulatory system?

.....

(1)

(c) Give **two** ways in which the composition of blood changes as it flows through the vessels labelled X on the diagram.

1

.....

2

.....

(2)

(Total 6 marks)

2. Complete each sentence about the heart by choosing the correct words from the box.

an artery	an atrium	a cuspid valve
a semi-luna valve	a vein	

A ventricle fills with blood by the contraction of

When a ventricle contracts, blood is forced into

When a ventricle relaxes, the backflow of blood into it is prevented by the closing of

(Total 3 marks)

3. The following sentences are about the blood system. Choose words from the list in the box to complete these sentences. You may use a word once or not at all.

diffuse	lowered	narrow	one
raised	spread	two	wide

Capillaries have thin walls which are cell thick. This allows nutrients from digested food to through and reach the cells of organs. Capillaries are very and so blood flow through an organ is slowed down and blood pressure is

(Total 4 marks)