

1.3 Circulatory System

1. Complete the table below to show the differences between artery, vein and capillary.

Characteristics	(i) Artery	(ii) Vein	(iii) Capillary
(a) The size of lumen			
(b) Thickness of wall			
(c) Valve			
(d) Function			
(e) Speed of blood flow			

CCTS » Comparing and contrasting

2. Answer the following questions based on Figure 2.

(a) Identify organ X.

(b) Briefly explain what happens to the blood carried away from the heart to X.

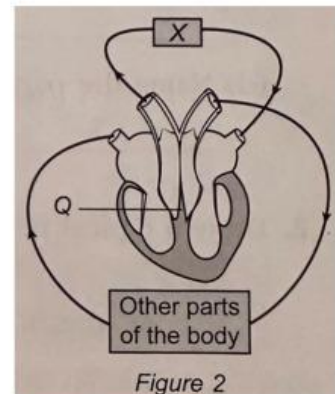


Figure 2

(c) State the function of the structure Q.

(d) Why does the left ventricle have a thicker wall than the right ventricle?

CCTS » Relating

3. (a) State the main function of our circulatory system.

(b) Why is our circulatory system known as the double circulatory system?

(c) State **three** ways to keep our circulatory system healthy.

CCTS » Making inference