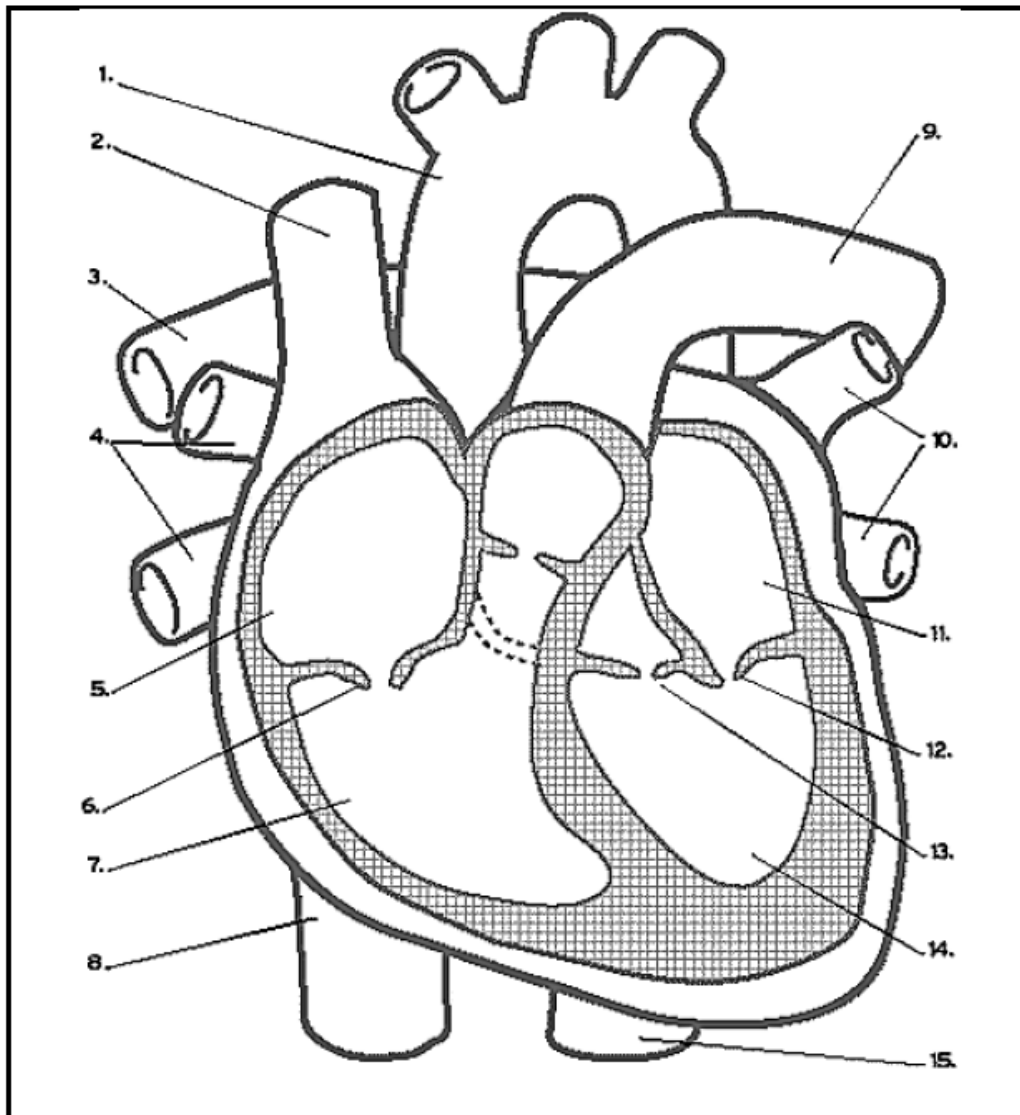
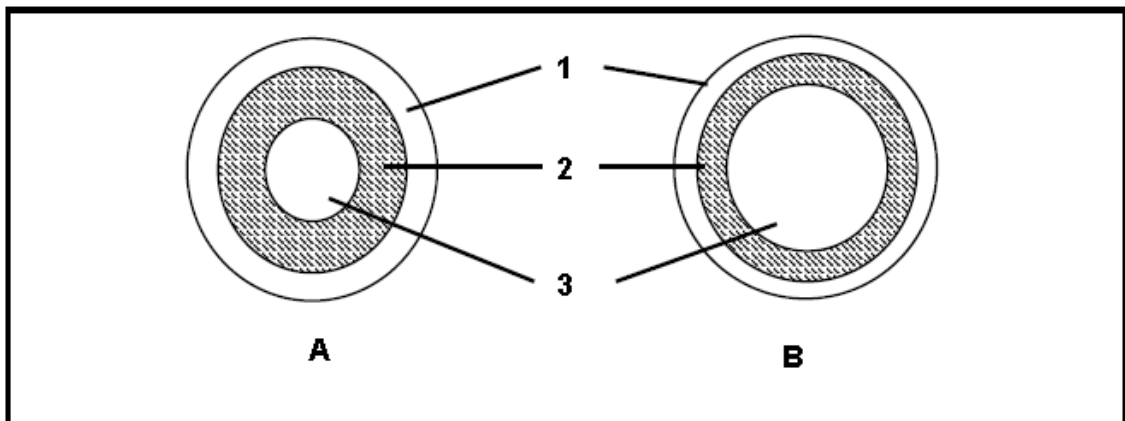


- 1.5 Study the diagram of the heart below and answer the questions which follow.



- 1.5 1.5.1 Name the blood vessels labelled 1 and 2. (2)
- 1.5.2 Give the NUMBER of the chamber/s in the diagram that contain deoxygenated blood. (2)
- 1.5.3 Write down the NUMBER and NAME of the valve which prevents backflow of blood into the right atrium when the right ventricle contracts. (2)
- 1.5.4 Which type of muscle tissue is the heart made up of? (1)
- 1.5.5 List TWO structural ways in which the heart is protected. (2)

2.4 Study the diagrammatic representation below showing a transverse section through a vein and an artery.



- 2.4.1 Which diagram (A or B) represents an artery? (1)
- 2.4.2 Explain your answer to QUESTION 2.4.1. (2)
- 2.4.3 Which blood vessel (A or B) has valves? (1)
- 2.4.4 Provide the labels for the parts numbered:
- (a) 1 (1)
- (b) 2 (1)
- (c) 3 (1)
- (7)**

QUESTION 4

Give a detailed description of the journey of a red blood cell as it travels from the right atrium of the heart round the body and back to the left atrium. Also list the differences between arteries and veins.