

Subject : Science

Class : 5

Topic : The Circulatory System (Ch 1)

ASSIGNMENT

Answer the following questions. (To be done in ex. copy)

Q1 . What is septum ?

Ans1. The left and right side of the heart is partitioned by a muscle called septum.

Q2. Where is the tricuspid valve and the bicuspid valve located and what is its function ?

Ans2. The tricuspid valve present between the right auricle and right ventricle and the bicuspid valve present between the left auricle and the left ventricle prevents the back flow of blood into the auricles when the ventricles contract.

Q3. Where are semi-lunar valves located and what is its function ?

Ans3. The semi-lunar valves are present in the pulmonary artery (right) and the Aorta (left). Its function is to prevent the back flow of blood into the auricles when

the ventricles relax.

Q4. Why is it necessary to know the blood groups of the donor as well as the recipient?

And 4. It is necessary to know the blood groups of the donor as well as the recipient because if the blood types are incorrectly mixed, the antibodies of one may attack the antigen of the other so it is necessary to match the donor and the recipient blood type to prevent hemolysis clot.

A. Tick the correct option. (To be done in the text book with pencil)

Answers.

1. c
2. a
3. b
4. a
5. b
6. a
7. b

B. Fill in the blanks: (to be done in the book with pencil)

Answers:

1. left auricle

2. pulmonary
3. serum
4. sphygmomanometer
5. haemoglobin
6. ventricles
7. antibodies