

Subject: Science

Class: 5

Topic : Ch. 1 (The Circulatory System)

Answer the following questions

Q1.what is plasma? Write its constituents.

Ans. Plasma is the the pale yellow coloured liquid part of the blood. It contains 90% water while remaining 10% includes digested food,enzymes, blood protein along with antibodies and protein fibrinogen.

Q2.what is the function of haemoglobin?

And. The haemoglobin is the red pigment in the blood and its main function is to combine with oxygen in the lungs and carry it to the cells in different parts of the body.

Q3.why W.B.Cs are called soldier cells of th e body ?

Ans. W.B.Cs are called soldier cells of the body because it defends the body by fighting against the infections.

Q4. Write any five functions of the blood.

Ans. The functions of the blood are as follows.

- . Blood carries oxygen from the lungs to the tissues and carbon dioxide from the tissues to the lungs to be expelled.

- . It carries dissolved nutrients from the small intestine to different parts of the body.

- . It carries antibodies from place to place in the body.

- . By clotting, blood prevents loss of blood after an injury.

It helps to keep the body temperature constant.

Q5. What is the difference between pulmonary vein and pulmonary artery?

Ans. The pulmonary vein carry pure or oxygenated blood from the lungs to the heart where as pulmonary artery carries the impure or deoxygenated blood from the heart to the lungs.

Q6. To be done in book.(page 10-11)

A.Tick the correct option.

Ans.1 : (c)

Ans.2: (a)

Ans.3:(b)

Ans.4:(a)

Ans.5: (b)

Ans.6:(a)

And.7:(b)