

Class-VI

Chapter-6

Teacher: Nirmita.

Subject: Biology Date: 11.11.24
The Circulatory System

Good Morning Children! This lesson is for Class-VI, Subject: Biology, Chapter-6, The Circulatory System of your textbook Concise Biology, Selina Publications. It is being submitted to you on 11 November, 2024.

Today, we are going to study about The Blood, and the blood vessels.

Human Circulatory system:

Our circulatory system is responsible for transport of various substances to and from different parts of the body.

The Blood:-

Blood is a red coloured fluid. It consists of plasma and corpuscles.

Plasma: It is yellow in colour, 90% made of water and 10% consists of dissolved nutrients, proteins etc.

Corpuscles: Three types:-

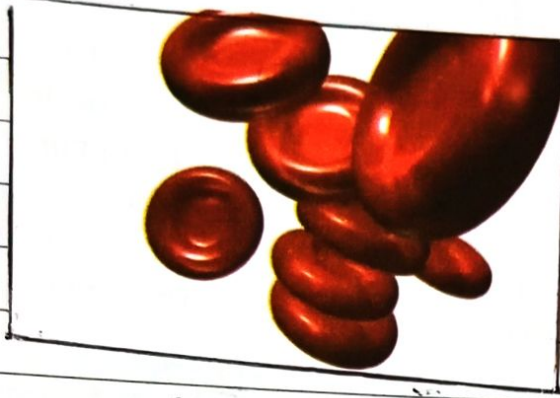
Red Blood cells:- These are called as erythrocytes. A mature RBC lacks a nucleus. It has haemoglobin. It acts as "oxygen-carrier".

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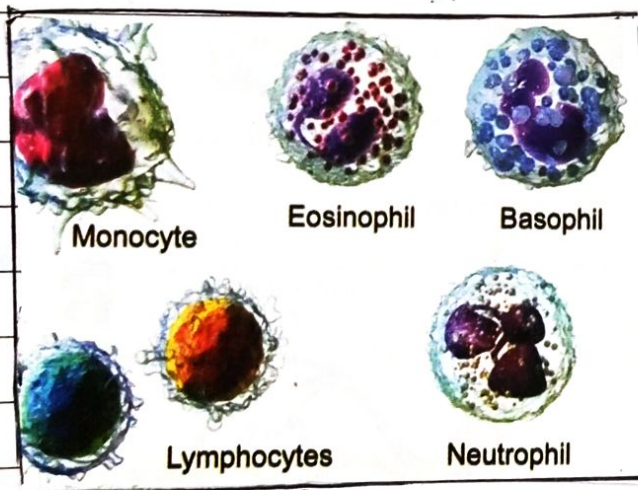
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R.B.C2.) White Blood Cells / Leukocytes:-

They are colourless with lobed nucleus. These provide immunity to body.

W.B.C3.) Platelets: (Thrombocytes)

These are round in shape and help in clotting of blood.

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Platelets

Functions of blood:-

- It transport nutrients and oxygen in the body.
- It maintain water balance in tissues.
- It forms blood clots at site of injury.

The Blood vessels:

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- 1) Artery:- It carries blood away from the heart. It has thick wall.
- 2) Vein:- It carries blood towards the heart. It has less muscular wall.
- 3) Capillaries:- A capillary is a very narrow blood vessel which is able to exchange wastes and gases between the blood and body fluids.

I am ending today's topic. Kindly read today's topic from your book.

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