

Board – ICSE

Class- 8

Topic – CIRCULATORY SYSTEM

Q.1 Why is circulatory system also known as transport system?

Q.2 Complete the following table:

Components	Origin	Function	Approx. No. (mm^3)	Life span
RBCs				
WBCs				
Platelets				

Q.3 a) Defines Diapedesis.

b) Why are capillary thin walled.

Q.4 Describe the role of lymph.

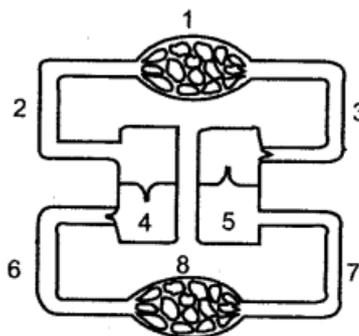
Q.5 What is blood pressure and how it is measured?

Q.6 Write a short note on tissue fluid.

Q.7 Differentiate between following:

1. Blood and Lymph
2. Arteries and veins
3. RBC and WBC

Q.8 Given diagram is double circulation of blood through heart showing main blood vessels, heart, lungs and body tissue. The 6 blood vessel contain deoxygenated blood.

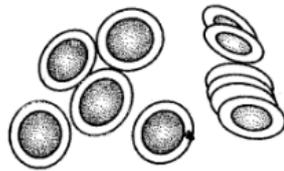


- (i) Name the blood vessels of organ marked by number 1 to 8.
- (ii) What do you mean by the term “Double circulation” of blood in mammals?

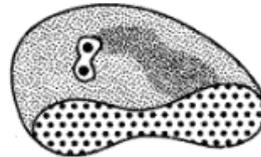
(iii) What is diastole?

Q.9 State any five functions of blood.

Q.10 The diagram shows different types of blood cells, name them.



A.....



B.....



C.....



D.....

Q.11 Name the following:

- Number of chamber present in human heart.....
- Name the muscles which made up the wall of the heart.....
- By which the human body is protected from invading bacteria.....
- The fine blood vessels in the tissue through which exchange of materials occurs.....
- The main artery by which blood pumped into whole body.....

Q.12 Fill in the blanks:

- The iron pigment gives red color to the blood.
- The average heartbeat rate is beats per minute in human being.
- The three distinct type of blood vessels are, and the
- The fluid in the space between the tissue cell is called fluid.
- The RBC are shaped