

Multiple choice

Class - VIII (<sup>The</sup> Circulatory System)

① a) The vein which brings oxygenated blood to the heart from the lungs.

Ans-iii) Pulmonary vein

b) The path which the blood flows through during pulmonary circulation is

Ans-i) RA → RV - Pulmonary arteries → Lungs → Pulmonary veins → LA.

Short answer questions:-

1. In which organ of our body does blood get oxygenated?

Ans - Blood gets oxygenated in our lungs.

2. Which side of the heart (left or right) contains oxygenated blood?

Ans - The left side of the heart contains oxygenated blood.

3. Name the following:-

a) Three kinds of blood vessels - Arteries, Veins, Capillaries

b) Two types of blood circulation in the human body - Pulmonary circulation, Systemic circulation

c) The membranous structure which divides the heart into a right and left portion - Septum

d) The structure responsible for starting electrical impulses that cause the heart to contract and relax in order to keep pumping blood - Sinuatrial node.

e) The scientist who identified different types of blood groups - Karl Landsteiner.