

CLASS X
LIFE PROCESSES (TRANSPORTATION)

ONE MARK QUESTIONS

- 1 What do you mean by translocation with respect to transport in plants?
- 2
 - a. Name the blood vessel which brings oxygenated blood to the heart.
 - b. Name the artery which carries deoxygenated blood.
- 3 Why does the left ventricle possess a thicker wall than the right ventricle?

TWO MARKS QUESTIONS

- 4 State any two differences between arteries and veins.
- 5 What is transpiration? Mention its significance.
- 6 Differentiate between blood and lymph in respect of
 - a. Direction of flow
 - b. Cellular composition
- 7 Why Amphibians can tolerate certain amount of mixing of oxygenated and deoxygenated blood?
- 8 What are blood capillaries ? What is its function?

THREE MARK QUESTIONS

- 9 Explain the course of circulation of blood through the heart in human beings. Why is it known as double circulation?
- 10 What is lymph? Explain its important function. Write about its course of circulation.
- 11 Mention the situation which necessitates a proper transport system in plants.
- 12 How is food transported in plants?
 1. Draw a neat labeled diagram to show the internal structure of the human heart.
 2. Name the component of blood that helps in the formation of blood clot in the event of a cut.
- 13 List below are some properties of types of blood vessel
 - 1.Arteries 2. Veins 3. Cappilaries
 - a. Carrie blood to the heart
 - b. Carry blood from the heart
 - c. Have thick elastic walls
 - d. Oxygen and food pass through the walls
 - e. Have valves to prevent the back flow of blood.
- 14 What is blood pressure? Give the blood pressure value for a healthy adult? Name the instrument used for measuring the blood pressure value.
- 15 Explain the mechanism of transportation of water and minerals in plants.