

Biology Worksheet

Circulatory system and Transportation

I. Very Short Answer Questions

1. Name the components of human circulatory system.
2. Name the tissues which-
 - a. Transport soluble products of photosynthesis in plants.
 - b. Transport water and minerals in a plant.
3. Name three types of blood cells.
4. Which fluid in the human body bathes tissues or cells? How is it formed?
5. Which cells of blood help in clotting of blood at site of injury?
6. What is transported by lymph?
7. Name two body fluids circulated in body.
8. Why are the walls of ventricles thicker than the walls of atria?
9. Write one function of blood vessels.
10. Name the process of:
 - (a) Removal of water from plants in vapour form by leaves
 - (b) Transfer of photosynthetic products to other parts of plant.

II. Short Answer Questions

1. How does transport of materials take place in human beings?
2. What is transpiration pull?
3. How is movement of water and sucrose different in plants?
4. Plants absorb water from the soil. Explain how does the water reach the tree top?
5. Draw the internal structure of heart and label the following parts in it:
Left ventricle, Vena cava from lower body, Aorta, Pulmonary veins.
6. Write about the different types of blood vessels in brief.
7. What is lymph? How is it different from blood?
8. List in tabular form, two ways in which transpiration is different from translocation.

III. Long Answer Questions

1. How is water moved in plants? Explain the physical forces that help in the process.
2. Explain double circulation of blood in human heart.
3. What is the role of heart chambers in blood circulation in human heart?
4. State two advantages of transportation to the plant body. Why do plants have slow transport system?