

**I Answer in one word .**

- a) The rhythmic contraction and relaxation of the heart .**
- b) The vascular tissue for the transport of food in plants .**
- c) Arteries and veins are joined by a network of tubes.**
- d) The main excretory product in human beings .**
- e) The process in which water reaches great heights in the trees .**

**II Answer the following questions.**

**Q1 What are the functions of blood?**

**Q2 Define : a) Osmosis b) Transpiration**

**Q3 Why do ammonia –excreting animals generally live only in aquatic habitats?**

**Q4 Explain how the waste is removed from the blood by the process of dialysis?**

**Q5 Differentiate between arteries and veins.**

**III Choose the correct option.**

**1 The filtering unit in the human excretory system is called**

- a) nephron                      b) neuron                      c) nephridia                      d) veins**

**2 The phloem tissue in plants is responsible for the transport of**

- a) water              b) water and minerals              c) glucose              d) all of the above**

**3 The cells in blood which destroy disease causing germs are**

- a) platelets              b) red blood cells              c) white blood cells              d) skin cells**

**4 Coagulation of blood in a cut or wound is brought about by**

- a) plasma              b) platelets              c) white blood cells              d) red blood cells**

**5 Which blood vessel does not carry any carbon dioxide?**

- a) Pulmonary artery              b) vena cava              c) vein              d) pulmonary vein**