

Sample Paper – 2014

Class – X

Subject – Biology

Topic :Life Processes (Transportation)

1. Name :
 - (a) The fluid medium of blood .
 - (b) The four chambers of human heart.
 - (c) The pumping organ to push blood around the body.
 - (d) The two layered sac around the heart.
 - (e) The artery that carries deoxygenated blood.
 - (f) The two parts of cardiac cycle.
 - (g) The component of blood called the soldiers of the body.
 - (h) The component of blood that helps in the clotting of blood.
 - (i) The instrument to measure the blood pressure.
 - (j) The two processes that help in upward movement of water and minerals in plants.
2. Write any two differences between arteries, veins and capillaries.
3. Why do ventricles have thicker muscular valves than atrium?
4. What is blood pressure? Differentiate between systolic and diastolic pressure.
5. Draw a flow chart showing circulation of blood in human body.
6. What is the composition of lymph? How does it move in our body?
7. How is the structure of capillaries significant?
8. What is transpiration ? Where does it take place from in plants?
9. What is meant by translocation?
10. Draw neat and labeled diagram showing sectional view of human heart.



DELHI PUBLIC SCHOOL
MARUTI KUNJ, GURGAON

Paper written by :- P.R. SHARMA