Q1. Tick the correct option:

1. Body system involved in transporting substances:
   a) Excretory  b) Circulatory  c) Digestive  d) Respiratory
2. Fluid part of the blood:
   a) RBCs  b) WBCs  c) Haemoglobin  d) Plasma
3. Tube like structures in excretory System:
   a) Ureters  b) Urethra  c) Urinary Bladder  d) None of these
4. Excretory product in humans:
   a) Uric Acid  B) Ammonia  c) Urea  d) Water

5. Which type of cells protect our body from germs?
   A) RBCs  B) WBCs  C) Platelets  D) None of the above

6. A normal person usually have a pulse rate between?
   a) 50-55  b) 50-60  c) 62-70  d) 72-80

7. Pulmonary vein carries oxygen-rich blood?
   a) True  b) False  c) Veins cannot carry oxygen-rich blood  d) None of these

Q2. Fill Ups:

1. The doctor feels the heartbeats with the help of ____________.
2. Aquatic animals excrete waste in the form of ____________.
3. Pulse can be felt in _______ and _______ parts of the body.
4. In tissues arteries divide into thin tubes called ____________.
5. ____________ cells in phloem helps in translocation.
6. Water reaches great heights in the trees because of suction pull caused by ____________.
7. ____________ separates the right side of the heart from the left one.
8. ____________ are the filtering units of the kidneys.
9. _______ and _______ are unicellular organisms.
Q3. Give functions of the following:
   A. Urinary Bladder
   B. Root Hair
   C. Phloem
   D. Valves in heart

Q4. Differentiate between:
   1. arteries and veins
   2. Xylem and phloem

Q5. Give the structure and function of human heart?

Q6. List the functions of transpiration in a plant.

Q7. Radhey’s grandmother’s kidneys are not working properly. She requires regular dialysis. Radhey is taking his grandmother regularly to hospital for dialysis.

(1) What is dialysis?  (2) List different parts of human excretory system.

(3) What moral values are shown by Radhey over here?