
11 TRANSPORTATION IN ANIMALS AND PLANTS

FILL IN THE BLANKS

1. The fluid part of blood is called _____.
2. Blood is red in colour due to the presence of a pigment called _____.
3. The _____ cells in our body fight against germs.
4. _____ help in clotting of blood.
5. The number of heart beats per minute is called _____.
6. The waste dissolved in water is removed as _____.
7. The filtering of blood through an artificial kidney is called _____.
8. Salts and urea is removed along with water as _____.
9. _____ carry blood from the heart to all parts of the body.
10. _____ carry blood from all parts of the body to the heart.
11. _____ is the instrument to amplify the sound of the heart.

NAME THE FOLLOWING:

1. The organ which pumps blood.
 2. The chambers of heart.
 3. The scientist who discovered blood circulation.
 4. The parts of excretory system.
 5. A group of cells that perform a particular function.
 6. The vein which carries oxygen rich blood to the heart.
 7. The artery which carries carbon dioxide rich blood away from the heart.
 8. The vascular tissues in plants.
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CHOOSE THE CORRECT ANSWER:

1. Pulmonary (vein / artery) carry pure blood.
2. (Ammonia / urea) is the excretory waste in fishes.
3. Phloem helps in the transport of (food / water)in plants.
4. Birds excrete (urea / uric acid).
5. (Right / Left)side of the heart carries oxygen rich blood.
6. Blood is a (solid/liquid) tissue.
7. (William Harvey / William Beaumont) discovered the circulation of blood in humans.
8. (Photosynthesis /Transpiration) is the process responsible for suction pull in plants.

WRITE TRUE OR FALSE:

1. WBC transports oxygen.
2. Pulse rate indicate the rate of heart beat.
3. Pure blood is circulated through the left part of heart.
4. Xylem helps in the transport of food in plants.
5. Hydra and sponges posses blood circulatory system.
6. Human urine consists of 95% water, 2.5% urea and 2.5% other waste products.

DEFINE : 1. Excretion

DISTINGUISH : 1. Arteries and veins

2. Xylem and Phloem

DIAGRAMS:

1. Schematic human blood circulatory system
 2. Human excretory system
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