

Transportation and Excretion 7th Biology

1. Excretion is the removal of metabolic waste products called -----(Excreta)
2. The mammalian RBCs are without -----
(nucleus)
3. The heart is covered by a protective double walled sac called -----filled with -----
(pericardium , pericardial fluid.)
4. The heart is made up of special type of muscles, called -----
(cardiac muscles)
5. The separation wall between right and left side of heart is called -----
(septum)
6. ----- regulate the flow of blood unidirectional from right auricle to right ventricle and not backwards.
(Valves)
7. Expanded condition of right and left ventricles when full of blood is called -----.
(Diastole)
- 8 The state of contraction of of right and left ventricles is called ----- (systole)
9. ----- are thinnest blood vessel (Capillaries)
10. Except the ----- veins all other veins carry deoxygenated blood.
(pulmonary)
11. ----- are called as master chemist of our body.
(kidney)
12. Kidneys eliminate the waste materials in the liquid form called -----
(urine)
13. Water reaches great heights in the trees because of suction pull caused by ----
(transpiration)
14. _____ is the instrument to amplify the sound of the heart.
(Stethoscope)
15. Arteries branch into arterioles. Arterioles branch into fine tubes called meta arterioles The meta arterioles end up in the tiny blood vessels called-----
(capillaries).
- 16.The fluid part of blood is called _____.
Plasma
- 17.Blood is red in colour due to the presence of a pigment called _____.

Hemoglobin

18. The _____ cells in our body fight against germs.

White blood

19. _____ help in clotting of blood.

Platelets

20. The number of heart beats per minute is called _____.

Pulse rate

21. The waste dissolved in water is removed as _____.

Urine

22. The filtering of blood through an artificial kidney is called _____.

dialysis

23. Salts and urea is removed along with water as _____.

Urine

24. _____ carry blood from the heart to all parts of the body.

Arteries

25. _____ carry blood from all parts of the body to the heart.

Veins

CHOOSE THE CORRECT ANSWER:

1. Pulmonary (vein / artery) carry pure blood.

vein

2. (Ammonia / urea) is the excretory waste in fishes.

ammonia

3. Phloem helps in the transport of (food / water) in plants.

food

4. Birds excrete (urea / uric acid).

uric acid

5. (Right / Left) side of the heart carries oxygen rich blood.

Left

6. Blood is a (solid/liquid) tissue.

liquid

7. (William Harvey / William Beaumont) discovered the circulation of blood in humans.

William Harvey

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8. (Photosynthesis /Transpiration) is the process responsible for suction pull in plants._

Transpiration

WRITE TRUE OR FALSE:

1. WBC transports oxygen.

FALSE:

2.Pulse rate indicate the rate of heart beat.

TRUE

3. Pure blood is circulated through the left part of heart.

TRUE

4. Xylem helps in the transport of food in plants.

FALSE:

5.Hydra and sponges posses blood circulatory system.

FALSE:

6. Human urine consists of 95% water, 2.5% urea and 2.5% other waste products.

TRUE

NAME THE FOLLOWING:

1. The organ which pumps blood.

Heart

2. The chambers of heart.

Auricles and Ventricles

3.The scientist who discovered blood circulation.

William Harvey

4. The parts of excretory system.

Kidney,skin,Lungs

5. A group of cells that perform a particular function.

Tissue

6.The vein which carries oxygen rich blood to the heart.

pulmonary

7.The artery which carries carbon dioxide rich blood away from the heart.

Pulmonary

8.The vascular tissues in plants.

Xylem and Phloem

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