

EXERCISE # 1

A. Single Choice Type Questions

- Q.1** The process by which a plant loses water through the stomata is called -
 (1) Excretion (2) Transpiration
 (3) Respiration (4) Sweating
- Q.2** Urea is a waste produced in the process of the breaking down of -
 (1) Protein (2) Fats
 (3) Carbohydrate (4) Sugar
- Q.3** Digested food, gases, waste & other substances pass into & out of the blood through the thin walls of -
 (1) Nephrons (2) Veins
 (3) Capillaries (4) Arteries
- Q.4** The smallest functional unit of kidney is -
 (1) Nephron (2) Capillary
 (3) Urethra (4) Ureter
- Q.5** Which component of blood helps in clotting ?
 (1) RBC (2) WBC
 (3) Platelets (4) Plasma
- Q.6** The opening of urinary bladder is known as -
 (1) Nephron (2) Urethra
 (3) Ureter (4) Nephridia
- Q.7** The cause of wilting of plant is -
 (1) More absorption
 (2) More transpiration
 (3) Low respiration
 (4) None
- Q.8** Blood from the lungs enter the heart through the -

- (1) Pulmonary artery (2) Aorta
 (3) Pulmonary vein (4) Venacava

- Q.9** Pumping station of blood is -
 (1) Heart (2) Auricle
 (3) Blood vessel (4) Ventricle
- Q.10** Bean shaped excretory organ of human is -
 (1) Kidney (2) Urethra
 (3) Ureter (4) Urinary bladder
- Q.11** It transport the water & minerals from root to leaves in plants -
 (1) Xylem (2) Cambium
 (3) Phloem (4) Stomata
- Q.12** In plants excess amount of carbon dioxide ascaps through the -
 (1) Stomata (2) Phloem
 (3) Xylem (4) Cambium

B. Fill In The Blanks

- Q.13** Arteries carry oxygenated blood & vein carry blood.
- Q.14** Sweat contain waste, salt &
- Q.15** Kidney is made up of tiny structure called
- Q.16** The liquid part of the blood is called
- Q.17** The liquid which leaves the kidney is called

EXERCISE # 2**A. Very Short Answer Types Questions**

- Q.1** Name the two tissues of plants which transport materials
- Q.2** What are the main constituents of urine?
- Q.3** What are the lower chambers of the heart called?
- Q.4** Where are nephrons found in human body?
- Q.5** Which gaseous products are excreted by plants?
- Q.6** Name the liquid part of the blood.
- Q.7** Where is the dirty blood of our body filtered?
- Q.8** In plants which part performs transpiration
- Q.9** Which muscular organ pumps blood around the blood vessels?
- Q.10** What are the two lower chambers of heart?
- Q.11** Which ventricle receives blood from left auricle?

B. Short Answer Types Questions

- Q.12** What will happen if there are no platelets in the blood?
- Q.13** Why is blood needed by all parts of the body?
- Q.14** How is water transported in plants?

Q.15 What role do blood banks play in human health?

Q.16 List the human excretory organs.

Q.17 State two vital functions of kidney

Q.18 Why is transpiration important for plants?

Q.19 What is blood?

C. Long Answer Types Questions

Q.20 State four functions of blood.

Q.21 With the help of a diagram, explain the human excretory system.

Q.22 State four differences between arteries and veins

Q.23 What are capillaries? Why do they have thin walls?

Q.24 What are advantages and disadvantages of transpiration in plants?

Q.25 Describe the transportation process of water, minerals and food in plants with the help of a diagram

Q.26 Explain the mechanism of excretion in humans.

Q.27 Write the components of blood. What are the functions of blood?

Q.28 Distinguish between
a. Xylem and Phloem

- b. Excretion and transpiration
- c. Circulatory and vascular system
- d. Blood and Plasma

Q.29 Mention and three characteristics of the following

- | | |
|-----------|--------------|
| a. RBC | b. WBC |
| c. Plasma | d. Platelets |