



# INDIAN SCHOOL NIZWA - WORKSHEET

## General Science

### CH: 11 Transportation in animals and plants

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: VII Sec: \_\_\_\_

#### I **Fill in the blanks.**

1. The muscular tube through which stored urine is passed out of the body is called \_\_\_\_\_.
2. The absorption of nutrients and exchange of respiratory gases between blood and tissue takes place in \_\_\_\_\_.
3. The vessels that transport water and minerals are called \_\_\_\_\_.
4. The urine from kidneys passes to urinary bladder through \_\_\_\_\_.
5. Fishes excrete cell waste as \_\_\_\_\_ which directly dissolves in water.
6. \_\_\_\_\_ carry impure blood from organs to heart.
7. The fluid part of the blood is called \_\_\_\_\_.
8. In plants xylem and phloem comprise the \_\_\_\_\_.
9. Blood cells that protect us from infection are called \_\_\_\_\_.
10. Birds and insects excrete \_\_\_\_\_.

#### 11. **Objective type questions:**

1. Which chamber of the heart receives oxygenated blood from the lungs?
  - a) Plasma
  - b) Left atrium
  - c) WBC
  - d) Platelets



## INDIAN SCHOOL NIZWA - WORKSHEET

2. Blood platelets help in

- a) Formation of urine
- b) Excretion of urine
- c) Involved in blood clotting
- d) All of these

3. The oxygen-carrying component is called-

- a) RBC
- b) WBC
- c) Blood Plasma
- d) Blood Platelets

4. Water-carrying tissue in plants is called –

- a) Xylem
- b) Phloem
- c) Veins
- d) Roots

5. The red pigment present in the RBC of the blood is

- a) Haemoglobin
- b) WBC
- c) pulse
- d) none of these

6. Select the type of cells, present in blood, whose main function is to fight against diseases by destroying harmful bacteria and other foreign material.

- a) RBC
- b) WBC
- c) Platelets
- d) Plasma

12. **Provide a single word for the following.**

a. The system that helps to supply food, water, oxygen etc. to various parts of the body.

\_\_\_\_\_

b. The evaporation of water in the form of water vapour from the aerial parts of the plant body.

\_\_\_\_\_

c. The vessels which carry blood towards the heart. \_\_\_\_\_



## INDIAN SCHOOL NIZWA - WORKSHEET

d. The network of very small vessels formed by two different kinds of blood vessels.

\_\_\_\_\_

e. The vessels that carry blood away from the heart. \_\_\_\_\_

f. Artery that carries deoxygenated blood. \_\_\_\_\_

g. A vein that carries oxygenated blood. \_\_\_\_\_

h. Plant tissue that helps in transportation. \_\_\_\_\_

### 13. **Case study-based questions**

Amit injured his knee while playing football, and blood started oozing from the wound. After a few minutes, he noticed a dark red clot forming at the injured site, which stopped the bleeding. This occurred due to the formation of a blood clot, a process facilitated by blood platelets.

i. How did the bleeding stop?

\_\_\_\_\_

ii. Which component of the blood might have formed this clot?

\_\_\_\_\_.

iii. What would be the colour of the wounded area and why?

\_\_\_\_\_.

14. A teacher told her students; the following are the steps that occur during the formation and



## INDIAN SCHOOL NIZWA - WORKSHEET

removal of urine in human beings and asked them to arrange the above statements in the correct order in which they occur during the formation and removal of urine in human beings. They are been jumbled up.

- a. Ureters carry urine to the urinary bladder.
- b. Wastes dissolved in water are filtered out as urine in the kidneys.
- c. Urine stored in the urinary bladder is passed out through the urinary opening at the end of the urethra.
- d. Blood containing useful and harmful substances reaches the kidneys for filtration.
- e. Useful substances are absorbed back into the blood.

Choose the correct order.

- I. a, b, c, d, e
- II. d, e, b, a, c
- III. a, c, b, d, e
- IV. a, b, c, e, d

\_\_\_\_\_ x \_\_\_\_\_