

## CLASS VII – SCIENCE – CHAPTER 07

# TRANSPORTATION IN ANIMALS AND PLANTS

Name:

Date:

- Q01.** The vessels that transport water and minerals are called  
(a). Xylem (b). Phloem (c). Stomata (d). Vacuoles
- Q02.** The excess of water absorbed plants by their roots gets evaporated through the process of  
(a). Absorption (b). Excretion (c). Transpiration (d). Elimination
- Q03.** Which one of the following transport oxygen to different parts of the body?  
(a). RBC (b). WBC (c). Platelets (d). All of them.
- Q04.** The urine from kidneys passes to urinary bladder through  
(a). Ureter (b). Urinary tubules (c). Urethra (d). Fallopian tube
- Q05.** Which chamber of heart receives oxygenated blood from heart?  
(a). Left atrium (b). Left ventricle (c). Right atrium (d). Right ventricle
- Q06.** In plants xylem and phloem comprise the  
(a). Food storing tissue (b). Reproductive tissue (c). Protective tissue (d). Vascular tissue
- Q07.** Excretory organ cockroach is  
(a). Kidney (b). Malpighian tubules (c). Stomach (d). Lung
- Q08.** Erythrocytes is the another name of  
(a). WBC (b). RBC (c). Platelets (d). Plasma
- Q09.** Functional unit of kidney is  
(a). Neuron (b). Nephron (c). Bowman's capsule (d). Glomerulus
- Q10.** Blood cells that protect us from infection are called  
(a). Red blood cells (b). Erythrocytes (c). White blood cells (d). Thrombocytes
- Q11.** Function of heart is  
(a). Pumping of blood (b). Purification of blood  
(c). Removal of nitrogenous wastes (d). All of these.
- Q12.** Stethoscope measures the  
(a). Blood pressure (b). Heart beat (c). Pulse (d). Blood count
- Q13.** In plants, food is transported through  
(a). Xylem (b). Phloem (c). Stomata (d). Guard cells

## DCA CLASSES

**Q14.** Human heart consists of

- (a). Striated muscle      (b). Smooth muscle      (c). Voluntary muscle      (d). Cardiac muscle

**Q15.** The pulse rate of a resting person is usually

- (a). 30 to 40 beats per minute      (b). 50 to 60 beats per minute  
(c). 72 to 80 beats per minute      (d). 81 to 90 beats per minute

**Q16.** Which blood group is called as universal donor?

- (a). A      (b). A      (c). B      (d). O

**Q01. Fill in the blanks.**

- (a). The liquid part of blood is called \_\_\_\_\_.  
(b). Kidney is made of tiny structures called \_\_\_\_\_.  
(c). \_\_\_\_\_ carry impure blood from organs to heart.  
(d). Main excretory product of human being is \_\_\_\_\_.  
(e). Largest artery is called \_\_\_\_\_.  
(f). Sweat contain water and \_\_\_\_\_.  
(g). Haemoglobin is present in \_\_\_\_\_.  
(h). Thrombocytes is the another name of \_\_\_\_\_.  
(i). Birds and insects excrete \_\_\_\_\_.  
(j). \_\_\_\_\_ transport water and minerals.

**Q02.** Write T for true and F for false statements.

- (a). Throbbing of heart is called Pulse.  
(b). Human heart consists of two chambers.  
(c). Removal of waste from the body is called excretion.  
(d). Dialysis the process of removing nitrogenous waste from blood using machine.  
(e). Transport of water and minerals takes place via phloem.  
(f). Human kidney consists of numerous neurons.  
(g). CO<sub>2</sub> is removed through lungs during breathing.  
(h). We sweat to maintain body temperature.  
(i). Phloem transport water and minerals.  
(j). Transpiration occurs through the stomata.

## DCA CLASSES

**Q03.** Match the following

### **Column A**

- (a). Transport oxygenated blood
- (b). Transport deoxygenated blood
- (c). Heart
- (d). Kidney
- (e). Xylem

### **Column B**

- i. Pumping of blood
- ii. Nitrogenous waste from blood
- iii. Water and mineral in plants
- iv. Arteries
- v. Veins

### **Column A**

- (a). Thrombocytes
- (b). Leucocytes
- (c). Erythrocytes
- (d). Largest artery
- (e). Largest vein

### **Column B**

- i. Vena cave
- ii. RBC's
- iii. WBC's
- iv. Aorta
- v. Platelets

### **Column A**

- (a). Kidney
- (b). Xylem
- (c). Phloem
- (d). Stomata
- (e). Lungs

### **Column B**

- i. Purification of blood
- ii. Removal of nitrogenous wastes
- iii. Transport of water and minerals
- iv. Transport of food in plants.
- v. Transpiration

### **Column A**

- (a). Amoeba
- (b). Hydra
- (c). Insects
- (d). Birds
- (e). Human

### **Column B**

- i. Urea
- ii. Uric acid
- iii. Simple diffusion
- iv. Tentacles
- v. Nephridium

## DCA CLASSES

- Q04.** How many chambered is the human heart? Name them.
- Q05.** What is transpiration? Write its function?
- Q06.** Write functions of blood?
- Q07.** What is double circulation?
- Q08.** What is the function of kidney? Name its functional unit.
- Q09.** What is blood? Write its composition?
- Q10.** What is diffusion? Name an organism that excretes by diffusion.
- Q11.** Distinguish between arteries and vein?
- Q12.** Name the organs involved in urinary system in human beings.
- Q13.** What are tissues? Name any two complex tissues present in plants.
- Q14.** Why it is necessary to excrete? Name the main excretory product of human being.
- Q15.** What is the function of red blood cells? What makes blood red?
- Q16.** Provide the single word for the following.
- (a). The system that help to supply food, water, oxygen et(c). to various parts of the body.
  - (b). The evaporation of water in form of water vapour from the aerial parts of the body.
  - (c). The vessels which carry blood towards the heart.
  - (d). The network of very small vessels formed by two different kinds of blood vessels.
  - (e). The vessels which carry blood away from heart.
- Q17.** Name the following
- (a). Artery that carries deoxygenated blood.
  - (b). A vein that carries oxygenated blood.
  - (c). Chamber of heart that receives oxygenated blood.
  - (d). Plant tissue that help in transportation.
  - (e). Blood cells that help in blood clotting.