

CLASS NOTES

Class: VII

Topic: Extra Questions & MCQs

Subject: Science

Chapter 11 : Transportation in Animals and Plants

Instructions: This is for your practice only and need not to be written in science notebook. Answers will be discussed during online class by science teachers.

Q1. The absorption of nutrients and exchange of respiratory gases between blood and tissues takes place in:

- (a) veins
- (b) arteries
- (c) heart
- (d) capillaries

Q2. The fluid part of the blood is known as -

- (a) membrane
- (b) plasma
- (c) RBC
- (d) WBC

Q3. Which of the following is an effect of sweat on the human body?

- (a) It causes cooling.
- (b) It causes heating.
- (c) It causes freezing.
- (d) It causes melting.

Q4. Read the following two statements and choose the correct option-

(i) Arteries have no muscular walls.

(ii) Veins carry blood from different parts of the body to the heart.

- (a) (i) only is correct.
- (b) (ii) only is correct.
- (c) (i) and (ii) both are correct.
- (d) Both statements are incorrect.

Q5. Aquatic animals like fish excrete their wastes in gaseous form as-

- (a) Oxygen
- (b) Hydrogen
- (c) Ammonia
- (d) Nitrogen

Q6. Which instrument is used to measure blood pressure?

- (a) Stethoscope
- (b) Sphygmomanometer
- (c) Oxy-meter
- (d) None of the above

Q7. Find odd one out-

- (a) ureter
- (b) urethra
- (c) phloem
- (d) urinary bladder

Q8. The filtering unit in the human excretory system is -

- (a) neutron
- (b) neurons
- (c) nephron
- (d) none of these

Q9. The average heart-beat of an adult human is -

- (a) 72 to 80 per min
- (b) 100 to 120 per min
- (c) 150 to 180 per min
- (d) 30 to 40 per min

Q10. Which of these helps in blood clotting?

- (a) RBC
- (b) Haemoglobin
- (c) platelets
- (d) WBC

Q11. Water is transported in plants through -

- (a) Root hair
- (b) Stomata
- (c) Midrib
- (d) Xylem

Q12. Aquatic animals like fish excrete their wastes in gaseous form as -

- (a) Oxygen
- (b) Hydrogen
- (c) Ammonia
- (d) Nitrogen

Q13. In which of the following parts of human body are sweat glands absent?

- (a) Lips
- (b) Scalp
- (c) Armpits
- (d) Palms

Q14. Which one of the following is incorrect statement?

- (a) The filtering of blood periodically done through an artificial kidney is called dialysis.
- (b) Pulmonary artery carries blood rich in carbon dioxide from the right ventricle of the heart to the lungs.
- (c) There are valves present in arteries.
- (d) The process of removal of wastes produced in the cells of the living organisms is called excretion.

Q15. The muscular tube through which stored urine is passed out of the body is called-

- (a) Kidney
- (b) Ureter
- (c) Urethra
- (d) Urinary bladder

Q16. If a patient is put on dialysis, he is most likely suffering from a severe ailment of the:

- (a) Circulatory system
- (b) Respiratory system
- (c) Excretory system
- (d) Digestive system

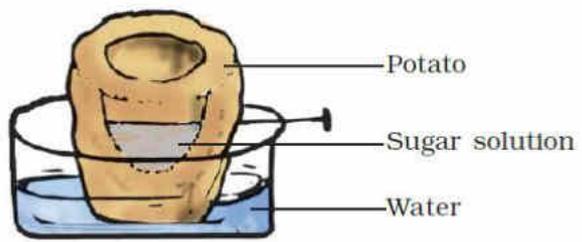
Q17. What is the function of WBCs?

- (a) Transport of oxygen
- (b) Fight against germs
- (c) Involved in blood clotting
- (d) All of these

Q18. They are pipe-like, consisting of a group of specialised cells. They transport substances and form a two-way traffic in plants. Which of the following terms qualify for the features mentioned above?

- (a) Xylem tissue
- (b) Vascular tissue
- (c) Root hairs
- (d) Phloem tissue

Q19. Observe the given figure and after few hours what changes you can observe in the above setup?



Q20. (a) Name the instrument.

(b) Label the parts A, B and C.

