



Question Bank

Grade 7- Science

Chapter 11 -Circulation and Excretion

Answer the following questions:

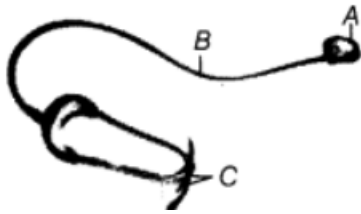
1. Name the substances that are transported by blood.
2. How do platelets help in preventing excessive bleeding?
3. Why is the presence of haemoglobin essential in RBCs?
4. . How can we keep our heart healthy?
5. How is the rate of transpiration different in desert plants?
6. How is transpiration affected during heavy rainfall?
7. What role do lungs play in the process of excretion in the human body?
8. How does sweating help to keep the body cool? 3
9. Name the organs of the human excretory system.
10. What is a nephron? What is its function?
11. Where is the urine stored?
12. Name the substances that are reabsorbed from the nephron into the blood.
13. Explain the role of stomata in the process of excretion in plants.
14. Name some excretory products of plants that are useful to humans.
15. Why do trees shed their leaves?
16. Name the main components of the human circulatory system.
17. Why are capillaries thin-walled blood vessels?
18. Name the main excretory waste in humans. Which system eliminates it from the body?
19. Name the main excretory waste in humans. Which system eliminates it from the body?
20. What is the significance of osmosis in plants?
21. How do materials get transported in Hydra?
22. Certain greenish-blue lines appear just below the skin of our hands and leg. What are these?
23. Human blood group is divided into how many groups? Name them.
24. Blood is a fluid connective tissue. Justify.
25. Pulse rate can indicate the health states of an individual. How?

26. Arteries and veins carry blood to and from the heart. Which of these carry the blood?

(a) Back to the heart from all organs.

(b) Away from the heart for distribution in all organs.

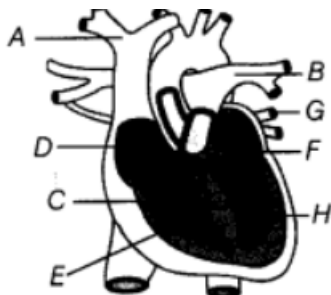
27. Observe the given figure and answer the given question.



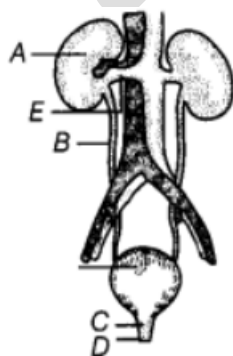
(a) Name the instrument.

(b) Label the parts A, B and C

28. Observe the given diagram of the human heart and label all the parts from A to H.



29. The given diagram is of the human excretory system. Label the marked parts of it.



30. The major function of the arteries is to carry oxygenated blood throughout the body and that of veins is to carry deoxygenated blood from body parts to heart for purification. There is one artery that carries deoxygenated blood and one vein that carries oxygenated blood. Name the artery and vein.