

BIOLOGY FA 2 WORKSHEET

Xth STD – TRANSPORTATION IN HUMAN BEINGS

ANSWER THE FOLLOWING QUESTIONS.

1. What is the function of blood in our bodies?
2. What are the different components of blood?
3. Mention the function of plasma and red blood cells?
4. How many chambers does the human heart have? Name them.
5. Define blood pressure.
6. Name the instrument with which blood pressure is measured.
7. Differentiate between systolic and diastolic pressure.
8. Why do the ventricles have thick muscular walls than the atria?
9. What is double circulation?
10. Name the smallest blood vessels which have one cell thick walls.
11. What is the function of platelets?
12. What is lymph? What is its function in human beings?
13. How many chambered heart is present in fishes and amphibians?
14. Differentiate between arteries and veins.

BIOLOGY SA 1 WORKSHEET 2014-15

Xth STD

ANSWER THE FOLLOWING QUESTIONS.

1. Define life processes.
2. Distinguish between autotrophic and heterotrophic nutrition.
3. What are the different types of heterotrophic nutrition and define them.
4. What are enzymes?
5. Name the cell organelle that contains chlorophyll.
6. How does the opening and closing of stomata regulated by guard cells?
7. Name the enzyme present in saliva.
8. Name the movement that occurs all along the gut to push the food forward.
9. What are the secretions of gastric glands?
10. Why do herbivores need longer small intestine than carnivores?
11. Name the 3-‘c’ compound formed when glucose is broken down during respiration.
12. Define fermentation.
13. What is ATP? How much energy does a single molecule release?
14. Name the respiratory pigment present in human beings.
15. Why does the diffusion process not work to move oxygen in our body?
16. Name the tissue responsible for transport of water and food in plants.
17. Define transpiration and describe its functions.
18. Name the process by which the unicellular organisms remove their wastes from the body
19. What are nephrons and what are their main parts?
20. Define excretion.
21. Define blood pressure
22. What is double circulation?

23. Differentiate between systolic and diastolic pressure.
24. What are the different components of blood?
25. Why do the ventricles have thick muscular walls than the atria?
26. Differentiate between arteries and veins.
27. Describe the functions of plasma and platelets.
28. What are gustatory and olfactory receptors?
29. What is reflex arc?
30. Name the part of the human brain which is specialized for hearing, smelling, sight and thinking?
31. Name the different plant hormones and describe their functions.
32. Name the part of the human brain that is responsible for voluntary actions, maintaining the posture and balancing the body.
33. Name the different endocrine glands and their secretions in human beings.
34. What is lymph and what is its function in human body?
35. How many chambered heart is present in fishes and amphibians.