

CHAPTER -4 PLANT LIFE

1. Define nutrition
2. Differentiate between autotrophic and heterotrophic nutrition.
3. Name the organelles which contain chlorophyll.
4. Define photosynthesis.
5. Name the main and the by- product of photosynthesis.
6. In which form food is stored in plants?
7. Name the tissue which transports water in plants.
8. What is the optimum temperature for the photosynthesis to take place.
9. What are fossil fuels? Give examples.
10. Define respiration.
11. Name the two types of respiration.
12. What is fermentation?
13. Name the process used for making bread and brewing alcohol.
14. What is meant by oxygen debt?
15. Name the acid produced during anaerobic respiration in animals.
16. What are lenticels ? Where it is located?
17. Name the chemical energy produced during respiration.
18. What is the function of stomata and where it is located in plants?
19. Name the process by which root hairs respire .
20. Name the tissue that transports food in plants.
21. Why the soil is tilled or ploughed during agriculture?
22. Differentiate between respiration and photosynthesis.
23. Name the chemical used to test starch.
24. Name the chemical used to absorb carbon dioxide.
25. Name the chemical used to remove chlorophyll.

CHAPTER – HUMAN BODY

26. Define excretion
27. Give examples of nitrogenous waste.
28. What is the role of kidney in our body?
29. Name the organ which forms urea.
30. Approximate length and weight of kidney.
31. Name the structural and functional unit of kidney.
32. How kidney stones are formed?
33. What is meant by UTI? Name the bacteria which cause UTI.
34. What are Detrusor muscles?
35. List out the functions of nephron.
36. Differentiate between cystitis and urethritis.
37. Define coordination.

38. Name the two types of coordination.
39. Which is the structural and functional unit of nervous system?
40. Name the two parts of the nerve cell.
41. Differentiate between voluntary and involuntary actions.
42. Name the covering seen surrounding the axon.
43. What is a nerve?
44. Name the three types of nerves.
45. What is the function of sensory and motor nerves?
45. Name the fluid seen surrounding the brain.
46. Name the three major parts of the brain.
47. List out the functions of central nervous system.
48. What happens if medulla oblongata gets injured?
49. Differentiate between receptor and effector.
50. What is an impulse?
51. Define stimulus.
52. How many nerve cells are there in the human brain?
53. Approximate weight of the human brain.
54. What is meant by synapse?
55. What is egestion?
56. Which part of the brain is responsible for reflex action?

CHAPTER – 6 ALLERGY

57. What is an allergen?
58. Define allergy
59. Name the two types of allergens. Give some examples.
60. What are the entry routes of allergens?
61. Name the two types of allergy.
62. List out the symptoms of allergy.
63. What is meant by anaphylaxis?
64. What is meant by hay fever?
65. How you can avoid allergens?
66. What is meant by seasonal allergies?
67. What are the symptoms of perennial allergy?
68. How can we keep safe from insect allergies?
69. Name some of the common skin allergens.
70. Suggest how you can avoid food allergy.