

BHARATH COACHING CENTRE

10th CBSE

Biology

Total: 70

Science

Time: 1.30 hrs

SECTION – A

10 x 1 = 10

1. In which part of the digestive canal food is absorbed?
2. Name the functional unit of human kidney.
3. What is source of O₂ liberated during photosynthesis?
4. Where is bile produced?
5. Respiration is the process in which _____.
6. The breakdown of pyruvate to give CO₂, H₂O and energy take place in _____.
7. Mention the function of hind brain in humans.
8. Name and explain the function of the hormone secreted by the pituitary gland in humans.
9. Name the hormone that helps in regulating level of sugar in our b+ -lood. Name the gland that secretes it.
10. What will happen when plant is exposed to unidirectional light?

SECTION – B

6 x 2 = 2

11. What is reflex arc?
12. Write the mechanism of adrenaline hormone?
13. Write the name and the functions of any two parts of the hind brain.
14. What is synapse?
15. What is the role of Medulla?
16. Respiration is a vital function of the body'. Justify.
17. What process would you consider essential for maintaining the life?
18. Which organ secretes the following enzymes: a) Trypsin b) Pepsin
19. Name an organ which is part of two body systems.
20. State the two vital functions of the human kidney.

SECTION – C

6 x 3 = 18

21. What you meant by double circulation of blood?
22. How does the photosynthesis occur?
23. Define respiration. Mention its types.
24. Name a hormone secreted by: a) pancreas b) pituitary c) thyroid. State one function of each of the hormone.
25. What is phototropism? How does it occur in plants?

SECTION – C

5 x 4 = 20

26. Explain about the structure of neuron and draw its diagram with label parts.
27. Explain the process of excretion system in human beings with neat diagram.
28. Explain about the structure of brain with neat diagram.
29. Explain about the types of nutrition in detailed.

30. Explain about the transportation system in plants and animals.

BHARATH