

Dr.K.K.R GOWTHAM EDUCATIONAL INSTITUTIONS-A.P

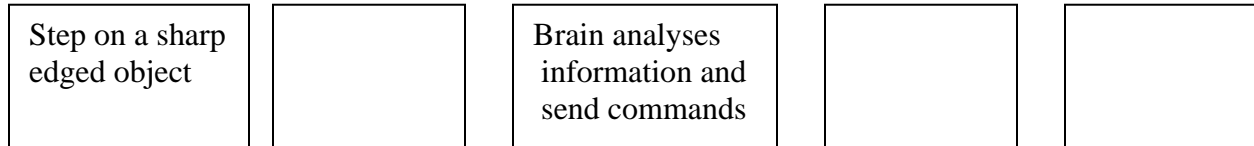
Class: X
Sub: Biology

Max Marks:
Time:

I. Answer the following Questions

12 × ½ = 6 M

1. Who disproved lamark?
2. Expand ICRISAT.
3. Name two connecting links .
4. Wht happens blood platelets are absent in blood ?
5. Fill in the missing sections in the following flow chart.



6. Write short note on Umblical I cord?
7. Write two contraceptive methods in man
8. Define cellular respiration
9. Write about process of Transpiration.
10. Give 2 example of Gum Yielding plants.
11. What happens if adrenaline is released in excess in the blood.
12. What will happen if synapse is absent in between two nerve cells.

II. Answer the following Questions

8 × 1 = 8 M

13. Draw neat labeled diagram of Villus in small intestine ?
14. What suggestion do you give to stop rural migration?
15. Define lymph.
16. Write about Implantation of ovulation. ?
17. Mouth is munching machine explain?
18. What are uses of reflex actions ?
19. Write a note on cytokinins?
20. What are the uses of autonomic nervous system?

III. Answer the following Questions

8 × 2 = 16 M

21. Write an experiment to show Phloem tissue by proboscis of aphids ?
22. Write about case study of beetle population explaining speciation genetic drift..
23. Explain the following
 - a) Blood that flows from stomach to intestine will not go directly to heart but flow.
 - b) Why is it necessary to know that blood group of donor and recipients before the blood donation
 - c) Valves are present only in veins but not in arteries why? Give reason.
 - d) Arteries of our body are embedded deeply why?

24. Write excretory organs of different phylums?
25. Write difference between light dependent & independent reaction.
26. Draw a neat labeled diagram of reflex arc.
27. Write the Structure of neuron with the help of neat diagram.
28. Write four ways of storing water suggested by ICRISAT.

IV. Answer all Questions

5 × 4= 20 M

Answer any one from Internal choice

29. Write a note on Alkaloids.

[Or]

What food habits you are going to learn after reading the chapter nutrition.

30. Write difference between photosynthesis and respiration.

[Or]

How can you prove that CO₂ is evolved during respiration.

31.
 - a) What is palate.
 - b) After vigorous exercise we feel pain in muscles? Why explain.
 - c) Draw Flowchart of Pathway taken by air in respiratory system.
 - d) Uremia

[Or]

Write structure of nephron with the help of neat labeled diagram.

32. How will you prove transport of food through phloem tissue.
33. Draw a neat labeled diagram of Life cycle of flowering plant .