

CHELLAMMAL VIDYALAYA MAT.HR.SEC.SCHOOL.
HALF YEARLY EXAMINATION-2023-2024

STD:VI

SCIENCE

MARKS:60

5*1=5

I. Choose the correct answer.

1. The unit of heat is -----
a. newton b. joule c. volt d. Celsius
2. Air pollution leading to acid rain is a -----
a. reversible change b. fast change c. natural change d. human made change
3. Which one of the following is not an unicellular organism?
a. yeast b. Amoeba c. spirogyra d. Bacteria
4. Main organ of respiration in human body is -----
a. stomach b. spleen c. heart d. lungs
5. Which one of the following is an input device?
a. speaker b. keyboard c. monitor d. printer

II. Fill in the blanks.

5*1=5

6. A group of organs together make up an ----- system.
7. The part of the skeleton that protects the brain is -----.
8. The endocrine glands produce chemical substances called -----.
9. The ----- is the largest sense organ in our body.
10. The process by which the body removes waste is -----.

III. True or False.

5*1=5

11. The unit of heat and temperature are the same.
12. Growing of teeth in an infant is slow change.
13. planting trees help in decreasing global warming.
14. Nerve cell is the longest cell.
15. Blood is produced in the bone marrow.

IV. Match the following .

5*1=5

16. Moving Air - photosynthesis
17. Layer in which we live - troposphere
18. Stratosphere - wind
19. Oxygen - ozone layer
20. Carbon di oxide - combustion

V. Analogy.

5*1=5

21. Photosynthesis:-----::Respiration :Oxygen
22. 78% of air : Does not support combustion : : ----- : supports combustion.
23. Curding of milk : irreversible change : : Formation of clouds :----- change.
24. Cooking of food : desirable change : : decaying of food : -----change.

25. Burning of matchstick : ----- change. Rotation of the earth : slow change

$$2 \times \frac{1}{2} = 5$$

VI. Arrange in a correct sequences.

26. Elephant , cow, Bacteria, Mango, Rose plant.

27. Hen's Egg, Ostrich's egg ,Insect's egg .

$$7 \times 2 = 14$$

VII. Answer the following any seven questions only.

28. What is temperature?

29. What is thermal expansion?

30. What is a solution?

31. Who discovered the cell in 1665?

32. Which one is called as "Area of movement"?

33. Write any two functions of digestive system.

34. Name the important parts of the eye.

35. Name the five important sense organs.

36. Name the parts of a computer.

VIII. Answer in detail any two questions only.

$$2 \times 5 = 10$$

37. Draw the circuit diagram for series connection?

38. Give one example for each case that happens around you.

a. slow and fast change.

b. Reversible and irreversible change.

c. Physical and chemical change.

d. Natural and man-made change.

39. What is atmosphere? Name the five layers of atmosphere?

40. Tabulate any five cell organelles and their functions.

X. Diagram.

$$1 \times 6 = 6$$

1. Draw a neat labelled diagram of a prokaryotic cell? [or]

Draw a diagram of Animal cell? Identify any four parts of the Animal cell?