

SECOND TERM END EXAMINATION - 2023

Class : 6

Time : 2-00 Hours

SCIENCE

Reg.No

Marks : 60

I) Choose the Correct Answer.

10X1=10

1. The unit of heat is
 a) newton b) joule c) volt d) celsius
2. The device which converts chemical energy into electrical energy is
 a) fan b) solar cell c) cell d) television
3. Electricity is produced in
 a) transformer b) power station c) electric wire d) TV
4. Out of the following an example of a desirable change is
 a) rusting b) change of seasons c) earthquake d) flooding
5. is the percentage of nitrogen in air
 a) 78% b) 0.1% c) 0.03% d) 1 %
6. Gas exchange takes place in plant using
 a) Stomata b) Chlorophyll c) Leaves d) flowers
7. The "Control centre" of the eukaryotic cell is
 a) Cell Walls b) Nucleus c) Vacuoles d) Chloroplast
8. Main organ of respiration is in human body is
 a) Stomach b) spleen c) Heart d) Lungs
9. Which one of the Following is an input device?
 a) Speaker b) Keyboard c) Monitor d) Printer
10. Circulatory system transports these throughout the body
 a) Oxygen b) Nutrition c) Hormones d) All of these

II) Fill in the blanks

5x1=5

11. The SI unit of temperature is
12. The long perpendicular line in the electrical symbol represents its terminal
13. gas turns lime water milky
14. The gas given out during photosynthesis is
15. The part of the skeleton that protects the brain is

III) Match the following :

5x1=5

- | | | |
|----------------------------|---|-------------|
| 16. Layer in which we live | - | Sound |
| 17. Moving Air | - | Troposphere |
| 18. Diaphragm | - | Wind |
| 19. Lungs | - | Flat muscle |
| 20. Ear | - | Air sacs |

IV) Answer any 10 Questions

10x2=20

21. What is a solution?
22. What is thermal expansion?
23. Circle the odd one out Give reason for your choice.
Switch, Bulb Battery, Generator
24. Analogy :
 - i) Food producer : Chloroplasts :: power house:
 - ii) Enzymes : Digestive glands : Endocrine glands.
25. True or False. If False give the correct statement.
 - i) Steam is formed when heat is released from water
 - ii) Digestion of food is a physical change
26. Arrange in a correct sequence
 - i) Elephant, cow, Bacteria, Mango, Rose plant
 - ii) Hen's Egg , ostrich's egg, Insect's egg
27. What is temperature?
28. Name the parts of a computer.
29. i) which one is called as "Area of movement"?
ii) who discovered the cell in 1665?
30. What is Epiglottis?
31. What is atmosphere?
32. Draw the circuit diagram for series connection.

V) Answer any 4 questions.

4X5=20

33. Write short note on conductors and insulators
34. 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) Desirable and undesirable change
 - d) Natural and man-made changes
35. Why is atmosphere essential for life on earth?
36. Draw a neat labelled diagram of a prokaryotic cell
37. List out the functions of endocrine system and Nervous system
38. Explain thermal expansion with suitable examples.
