

HALF YEARLY EXAMINATION - 2022**STD - VII****SCIENCE****MARKS : 60****TIME : 2.00 Hrs****I. Choose the correct answer.****5 x 1 = 5**

1. The body temperature of a healthy man is
a) 0°C b) 37°C c) 98°C d) 100°C
2. Small amounts of electrical current are measured in milliampere (mA).
How many milliampere are there in 0.25 A?
a) 2.5 mA b) 25 mA c) 250 mA d) 2500 mA
3. is not a chemical change.
a) Dissolution of ammonia water b) Dissolution of Carbon-di-oxide in water.
c) Dissolution of oxygen in water d) melting of polar ice caps.
4. I am the outer most layer of an animal cell. Who am I?
a) Cell wall b) Nucleus c) Cell membrane d) Nuclear Membrane
5. Who proposed the Five kingdom of classification?
a) Aristotle b) Linnacus c) Whittakar d) Plato

II. Fill in the blanks**5 x 1 = 5**

6. At room temperature Mercury is stable.
7. is used to measure the electric current.
8. Stretching gold coin into a ring is a change.
9. Cytoplasm plus nucleoplasm is equal to
10. The binomial name of Onion is

III. State True or False**5 x 1 = 5**

11. -7°C temperature is greather than 0°C temperature.
12. The representation of the electric current is A.
13. Tarnishing of silver is an example of endothermic change.
14. Only plant cells have Chloroplasts.
15. Fishes are aquatic vertebrates.

IV. Match the following**5 x 1 = 5**

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|-----------------------------|---|--|
| 16. Melting point of water- | - | A device which converts chemical energy into electrical energy |
| 17. Cell | - | Mitochondria |
| 18. Condensation | - | Neem |
| 19. Power house | - | 0°C |
| 20. Plantae | - | Steam to water drops |

V. Answer any ten questions briefly.**10 x 2 = 20**

21. What is the use of kink in clinical thermometer?
22. The body temperature of Ramu is 99°F. Is he suffering from fever?
If so, why?
23. Define an electric current.
24. Name some device that run using heat effect of electric current.
25. Define electrical conductivity.
26. Distinguish physical and chemical changes.
27. Is solar eclipse a periodic change? Give your reason.
28. What are the functions of cell wall in plant cell?
29. Why lysosomes are known as scavengers of the cell?
30. Write correct sequence from cell to organism.
31. What is classification?
32. Write the binomial name of a) Human being b) Paddy
33. Write the level of classification?
34. What is the use of Text Tool?

VI. Answer in detail (Any Four only)**4 x 5 = 20**

35. Draw the diagram of a clinical thermometer and label its parts.
36. Explain the heating effect of electric current.
37. Explain the following statement. Digestion is a chemical change.
38. Write about any three organelles in detail.
39. List the differences between plant cell and animal cell.
40. Explain about five kingdom classification.