



Standard - 7

SCIENCE

Time Allowed: 2.00 Hours

Maximum Marks: 60

I. Choose the correct answer:

10×1=10

1. In thermometer when bulb comes in contact with hot object, liquid inside it
 - a) expands
 - b) contracts
 - c) remains same
 - d) none of above
2. The body temperature of a healthy man is
 - a) 0°C
 - b) 37°C
 - c) 98°C
 - d) 100°C
3. Small amounts of electrical current are measured in milliampere (mA). How many milliampere there in 0.25A?
 - a) 2.5 mA
 - b) 25 mA
 - c) 250 mA
 - d) 2500 mA
4. The chemical change is _____.
 - a) water to clouds
 - b) growth of a tree
 - c) cow dung to biogas
 - d) icecream to molten icecream
5. Change a substance from solid state to liquid state
 - a) melting
 - b) freezing
 - c) evaporation
 - d) condensation
6. Basis unit of life
 - a) cell
 - b) protoplasm
 - c) cellulose
 - d) nucleus
7. _____ helps in cell division.
 - a) Endoplasmic reticulum
 - b) Golgi complex
 - c) Centriole
 - d) Nucleus
8. Who proposed the five kingdom of classification?
 - a) Aristotle
 - b) Linnacus
 - c) Whittakar
 - d) Plato
9. The binomial name of onion is _____.
 - a) Columbo livia
 - b) Oraisia
 - c) Allium Sativum
 - d) Mangifera indica
10. TUX paint software is used to _____.
 - a) Paint
 - b) Program
 - c) Scan
 - d) PDF

II. Fill in the blanks:

5×1=5

11. At room temperature mercury is in _____ state.
12. _____ is used to measure the electric current.
13. Spoiling of food is a _____ change.
14. Mature red blood cell do not contain a _____.
15. Species is the _____ unit of classification.

III. Match it:

5×1=5

16. Clinical thermometer - Open or close the circuit
17. Switch - Mitochondria
18. Freezing - Kink
19. Power house - Ctrl + O
20. Open - Formation of Ice cube

Kindly send me your answer keys to us - padasalai.net@gmail.com

IV. Answer any 10 questions:**10×2=20**

21. What is the use of kink in clinical thermometer?
22. Temperature conversion :
20°C = _____°F
23. True or false, If false give the correct answer:
 - a) The representation of the electric current is A.
 - b) In a parallel circuit, the electric components are divided into branches.
24. Name some devices that run using heat effect of electrical current.
25. Define an electric current.
26. State two examples of Periodic changes .
27. Classify the changes by Physical or Chemical.
 - a) rusting of iron
 - b) blinking of eyelids
 - c) burning of matchstick
 - d) dhosa from the batter
28. Analogy:
 - a) Chloroplast : Photosynthesis
Mitochondria : _____
 - b) Adipose : Tissue
Eye : _____
29. Write a short note on nucleus.
30. What is classification?
31. Write two examples of Monera.
32. Match it:
 1. Protista - Neem
 2. Fungi - Butterfly
 3. Plantae - Euglena
 4. Animalia - Moulds
33. What is TUX Paint?

V. Answer any 4 questions:**4×5=20**

34. Draw the diagram of a Clinical thermometer and label its parts.
 35. Differentiate Parallel and Serial circuits.
 36. Explain the construction and working of an Telephone.
 37. Distinguish Physical and Chemical changes.
 38. Write about any three organelles in detail.
 39. Explain about five kingdom classification.
 40. Compare the plant cell and the animal cell.
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