

Paper: ScienceTotal Marks: 48Month Test: Annual

Obt. Marks: _____

Theme/Unit: CompleteGrand Total: 100

Objective: _____

Signature: _____

Time: _____

Roll No: _____

class: 7th

Section: _____

**Q. No. 1: Encircle the correct option:**

- Mass of proton is:
 - 1.672158×10^{-27} kg
 - 16.72158×10^{-27} kg
 - 1.672158×10^{-27} g
 - 16.72158×10^{-27} g
- Diamonds are made up of billions of _____ atoms.
 - Hydrogen
 - Carbon
 - Nitrogen
 - None
- The outermost shell of sodium is _____.
 - K
 - L
 - M
 - K, L, M
- Ammonium ion is _____.
 - NH_3
 - NH_4
 - N_2
 - N
- Falling of water from clouds to earth as rain or hail is called _____.
 - Precipitation
 - Condensation
 - Vapourization
 - None
- Fats are solid at _____ temp.
 - 10°C
 - 20°C
 - 25°
 - 7°C
- One is not a chemical change:
 - Glowing bulb
 - Rusting
 - Decaying
 - Digestion
- Water forms _____ % of mass of our body.
 - 60
 - 70
 - 50
 - 40
- Pure water has _____ pH.
 - 6
 - 8
 - 7
 - 9
- $1/1000 \text{ m} =$ _____ mm
 - 0.0001
 - 0.001
 - 1.00
 - 0.001m
- _____ is used for collecting water from humidity.
 - AWG
 - Hydrometer
 - Dehumidifier
 - Humidifier
- Turbidity of dirty water is removed by:
 - Ferric hydroxide
 - Sodium carbonate
 - Potassium permanganate
 - Liquid chlorine
- Smaller wheel is used as _____.
 - Driving wheel
 - Drum wheel
 - Both a & b
 - None
- _____ is a modification of an inclined plane.
 - Screw
 - Wedge
 - Inclined plane
 - None
- In a hot water tank heating coil should be placed:

- a. Near the upper surface of liquid
b. In middle of tank
c. Near the bottom of tank
d. None
16. In a vacuum flask, the vacuum prevents heat transfer by:
a. Radiation b. Conduction c. Convection d. Both b & c
17. The depth of image of an object in a transparent medium is called:
a. Real depth b. Virtual depth c. Apparent d. Both b&c
18. $1000\text{mA} = \underline{\hspace{2cm}} \text{A}$
a. 1A b. 2A c. 0.1A d. 0.00A
19. The flow of charges known as _____.
a. Circuit b. Current c. Ampere d. All
20. Water is _____ electrolyte.
a. Strong b. Medium c. Weak d. None
21. The SI unit of voltage is _____.
a. Current b. Vol c. V d. None
22. Unit of resistance is _____.
a. Ohm b. Ohm c. All d. Ω
23. ELCB is abbreviation of _____.
a. Earth leaked current breaker c. Earth leakage current breaker
b. Earth linked current breaker d. Earth leakage circuit breaker
24. $1000 \text{ watts} = \underline{\hspace{2cm}}$.
a. 1kw b. 0.1kw c. 2kw d. None
25. The following are electrical energy source except _____.
a. Battery b. Dry cell c. Resistor d. Dynamo
26. $1\text{pm} = \underline{\hspace{2cm}} \text{m}$
a. 10^{-3} b. 10^{-6} c. 10^{-9} d. 10^{-12}
27. Oscillation is derived from _____ word.
a. Greek b. French c. Latin d. All
28. Part of wave which below normal position called:
a. Troughs b. Crests c. Both d. None
29. The point where the molecule of air compress called _____.
a. Pressure c. Dipression
b. Compression d. Dialiation
30. Oscillation means _____.
a. Sound waves c. Amplitude
b. Wound energy d. Vibrating particles
31. The device used at door called _____.
a. Sirens c. Doorbell
b. Telephones d. Cell
32. Sound intensity also known as _____.
a. Acoustic intensity c. Sound energy
b. Frequency d. None

Paper: ScienceTotal Marks: 52Month Test: Annual

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subjective:

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Q. No. 1: (a). Write any 2 applications of sound?

/5

(b). Write any 2 factors on which sound depend?

/4

(c). Write any 2 types of galaxies?

/2

Q. No. 4: (a). Short note on movement of sugar in plants.

/3

(b). Short note on pollination by wind and insects?

/4

(c). Short note on tuber?

/4
