

I Choose the correct answer

- The eye defect 'Presbyopia' can be corrected by :
a. Convex lens b. Concave lens c. Convex mirror d. Bifocal lenses.
- The value of Avogadro number is _____/mol.
a. 6.023×10^{-23} b. 6.024×10^{24} c. 6.023×10^{23} d. 6.024×10^{-24}
- Identify the non-aqueous solution
a. Sodium Chloride in water b. Glucose in water
c. Copper sulphate in water d. Sulphur in Carbon di sulphide.
- An electric heater of 5Ω is connected to an electric source. If a current of 6 A flows through the heater, find the amount of heat produced in 5 minutes.
a. 48000 J b. 54000 J c. 45000 J d. 84000 J
- $\text{C}_2\text{H}_5\text{OH} + 3 \text{O}_2 \longrightarrow 2\text{CO}_2 + 3\text{H}_2\text{O}$ is :
a. Reduction of ethanol b. Combustion of ethanol
c. Oxidation of ethanoic acid d. Oxidation of ethanol
- How much work is done in moving a charge of 2C across two points having a potential difference 10 V?
a. 5 J b. 20 J c. 0.2 J d. 2 J

II Match the following:

1. Polyvinyl Chloride	i. Affects brain development in children
2. Cadmium	ii. Affects the growth of reproductive system
3. Lead	iii. Asthmatic bronchitis
4. Chromium	iv. Neural damage