

I Choose the correct answer

1. The eye defect 'Presbyopia' can be corrected by :
 a. Convex lens b. Concave lens c. Convex mirror d. Bifocal lenses.
2. 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}
3. 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.
4. 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
5. $C_2H_5OH + 3 O_2 \longrightarrow 2CO_2 + 3H_2O$ is :
 a. Reduction of ethanol b. Combustion of ethanol
 b. Oxidation of ethanoic acid d. Oxidation of ethanol
6. 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