

CHEMISTRY

1. (1)
2. (2)
3. (1)
10 vol H_2O_2 means
1 L H_2O_2 produces 10 L O_2 or
1 mL H_2O_2 produces 10 mL O_2
4. (4)
Reactivity order: $\text{H} > [\text{H}] > \text{H}_2$
5. (1)
 $1 \text{ L} = 1 \text{ dm}^3 = 1000 \text{ mL} = 1000 \text{ cc}$
6. (3)
 $\text{C}_6\text{H}_{12}\text{O}_6 = 6(12) + 12(1) + 6(16) = 180$
7. (2)
 $20.8 + 9.8 = 7.3 + W \Rightarrow W = 23.3 \text{ g}$
8. (4)
Molecular weight = $2 \times \text{VD} = 2 \times 11.2 = 22.4$
Moles of gas = $\frac{2.4}{22.4}$
(1 mol occupies = 22.4 L at STP)
Volume of gas = 2.4 L
9. (4)
10. (2)
22.4 L of oxygen = 1 mol
11.2 L of oxygen = $\frac{11.2}{22.4} = 0.5 \text{ mol}$



**PARISHRAMA
NEET ACADEMY**