



CHEMISTRY

BOOKS - PATHFINDER CHEMISTRY

(BENGALI ENGLISH)

SOME BASIC CONCEPTS OF CHEMISTRY

Question Bank

1. A 2.0 g sample containing Na_2CO_3 and $NaHCO_3$ loses 0.148 g when heated at $300^\circ C$, the temperature at which $NaHCO_3$ decomposes to Na_2CO_3 , CO_2 and H_2O . What is the percentage of Na_2CO_3 in the mixture?



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2. If 4g NaOH dissolves in 36 g of H_2O , calculate the mole fraction of each component

in the solution. Also determine the molarity of solution (specific gravity of solution is 1gml^{-1}).



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3. What is limiting reagent ?



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