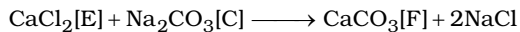
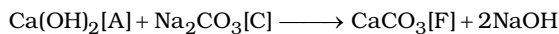


Level - 2	DTS-8
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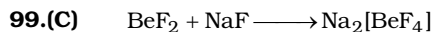
96.(ABD) A = $\text{Ca}(\text{OH})_2$, B = NH_4HCO_3 , D = NH_4Cl , C = Na_2CO_3 , E = CaCl_2 , F = CaCO_3



97.(D)

Alloys	Composition
Magnalium	Al - 95%, Mg - 5%
Duralumin	Al - 95%, Cu - 4%, Mg - 0.5%, Mn - 0.5%
Aluminium bronze	Cu - 90%, Al - 9.5%, Sn - 0.5%
Elektron	Mg ~ 94%, Zn ~ 0.5%, Rare earth ~ 4%, Zr ~ 1%

98.(C) Due to much lower freezing point of eutectic mixture of $\text{CaCl}_2 / \text{H}_2\text{O}$

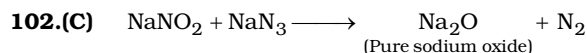


Here Be goes with anion

100.(C) Superoxides are the strongest oxidising agents.

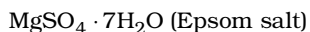
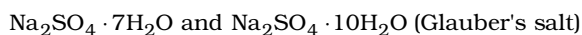
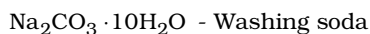
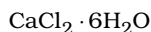
101.(ABCD)

All are basic oxides



103.(B) Hydrolith-A salt like Binary compound (CaH_2) used as a reducing agent and source of hydrogen.

104. [A-q] [B-s] [C-r, s] [D-r]



105. [A-q] [B-p] [C-r] [D-q] [E-r, s]

NaOH is prepared by electrolysis of Brine i.e. NaCl .

CaCl_2 is used in solvay process in the preparation of washing soda.

MgCl_2 is prepared by Dow's process.

Chlorine is produced at anode in electrolysis of Brine.