

**CHEMISTRY-GENERAL**

**Paper: DSE-A-2 Practical**

**(Inorganic Materials of Industrial Importance)**

**Full Marks: 30**

1. Determine the composition of dolomite by complexometric titration.

Supplied reagents:

- (i) Dolomite ore
- (ii) 10% NaOH solution
- (iii) Standard (M/50) zinc acetate solution
- (iv) EBT indicator powder
- (v) Murexide indicator powder
- (vi)  $\text{NH}_4\text{Cl}$ - $\text{NH}_3$  buffer solution (pH 10)
- (viii) Conc. HCl (A.R.)