

**Define the following terms : ( 10 % each )**

- (1) Organic Chemistry
- (2) Functional Groups
- (3) Sigma bond and pi bond
- (4) Aromatic Compounds, Antiaromatic Compounds, Nonaromatic Compounds and Aliphatic Compounds
- (5) Lewis acid and Lewis base
- (6) Resonance
- (7) Nucleophilic Aliphatic Substitution  $S_N2$
- (8) Elimination E2
- (9) Electrophilic Aromatic Substitution
- (10) Nucleophilic Aromatic Substitution