Mechanism of organic reactions

Class-XI **WS-1** **By:M.A.Shamsi**

Drag the option to the correct blank:

Free radical	Electrophiles
Nucleophiles	Inductive effect
Homolytic bond	Electromeric effect
Cation & anion	- I effect
Nucleophilic	Hetrolytic bond

1. _____ fission takes place in non- polar organic compounds.
2. _____ fission takes place in polar organic compounds.
3. _____ are electron deficient attacking reagents.
4. _____ are electron rich attacking reagents with either negative charge or lone pair of electron.
5. Homolytic bond fission results in the formation of highly reactive species called_____.
6. Heterolytic bond fission results in the formation of _____.
7. _____ is permanent displacement of sigma electrons towards more electronegative species.
8. _____ is temporary displacement of pie electrons under the effect of attacking reagent.
9. Cl^-, NO_3^-, NH_3 are _____ attacking reagent.
10. If an atom or group attached to the carbon chain is more electronegative then it causes_____ effect.