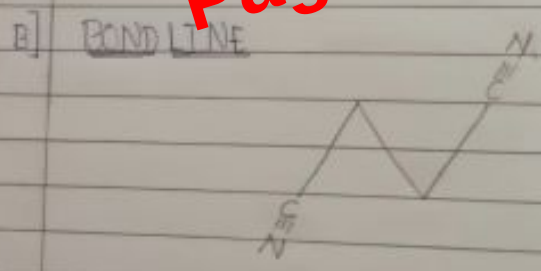
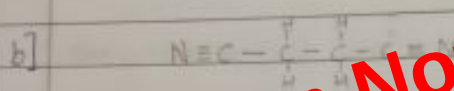
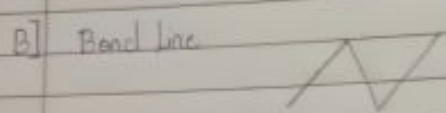
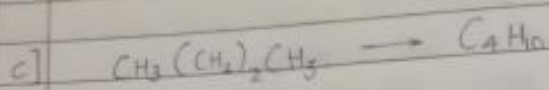
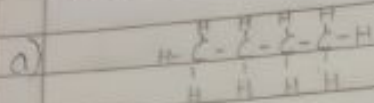
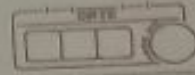


A Write Condensed formula and bond line formula



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Homolytic Fission

- i] In this case, the covalent bond breaks symmetrically
- ii] Each species obtains and retains one electron from shared electron pair
- iii] Electrically neutral free radicals are formed which carry an odd electron
- iv] It takes place in the presence of sunlight or ultraviolet light

Heterolytic Fission

- i] In this case, the covalent bond breaks unsymmetrically
- ii] The more electronegative atom retains the shared electron pair.
- iii] Electrically charged ions are formed
- iv] It takes place in the presence of polar solvent.

* Electron Displacement Effect

- i] The displacement of valence electrons resulting in polarization of an organic molecule is called electronic effect
- ii] The electronic effect that occurs in the ground state is permanent effect
- iii] The electron displacement effect occurring in a substrate due to approach of attacking reagent is temporary effect
This type of electronic effect is called electromeric effect or polarisability effect.

