

**Deleted Portion (Theory)**

- **Under Unit I: Chemical Substances - Nature and Behaviour**

- **Metals and Non-metals:** Basic Metallurgical processes; Corrosion and its prevention
- **Carbon and its Compounds:** Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.

- **Under Unit II: World of Living**

- **Control and co-ordination in animals and plants:** Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.
- **Heredity and Evolution:** Basic concepts of evolution.

- **Under Unit III: Natural Phenomena**

- **The Human Eye and the Colourful World:** Functioning of a lens in Human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

- **Under Unit IV: Effects of Current**

- **Magnetic Effects of Electric Current:** Electric Generator, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.

- **Under Unit V: Natural Resources**

- **Sources of energy:** Different forms of energy, conventional and non-conventional sources of energy: Fossil fuels, solar energy; biogas; wind, water and tidal energy; Nuclear energy. Renewable versus non-renewable sources of Energy.