Biochemistry

1. State of matter & changes: physical and chemical changes. (solid, liquid & gases) Dalton's atomic theory; molecules & atoms; atomic & molecular weight; Avogadro's number; mass of atom compound.

2. Formula, valency & Equation: Emphirical formual, molecular formula & their determination; chemical bonds & their classification; radical compounds & their valency.

3. Chemical reatctions.

4. Use of metallic compounds (chemical & biological): compounds of sodium, potassium, calcium, zinc, lead and iron.

5. Chemistry of non-metals & their biological uses, e.g. of carbon, hydrogen, oxygen, phosphours, sulphur & halogens.

6. Organic compounds- homlolgous series, alkenes, alkyl radicals, isomerism, nomenclature, synthesis & reactions. Alcohol & their uses, fatty acids & their uses, saponification & soap.