



## UNIT 1

### 5 MARKS

1. Describe the relationship between free energy, enthalpy and entropy.
2. Discuss and detail about the Redox potential
3. Write short note on NAD<sup>+</sup> and NADP<sup>+</sup>.
4. Explain Bioenergetics and concept of free energy.
5. Adenosine Triphosphate (ATP)
6. Functions of Cyclic AMP

### 2 MARKS

1. Define enthalpy and entropy
2. Define Bio molecules.
3. What are exergonic reaction?
4. Define metabolism.
5. FMN.
6. cAMP

SNCSPHS