

## 14 MARKS – BFE

Explain briefly Classification of Cell Theory & its types with neat sketch

Illustrate the hierarchical system of human life.

Summarize the concept of plant system with neat diagram.

Identify the photosynthesis of plant life with practical example.

Explain the functions of carbohydrates-lipids-protein-acids.

Explain in detail about characteristics of living organisms with relevant diagrams.

Illustrate the functions of Genes and Chromosomes with relevant figures.

Discuss about various types of deficiencies and its causes in the Plant system.

Describe in detail about bone system in Animals with appropriate diagrams.

Illustrate the Biomolecules and its classification in detail.

Illustrate the various types of Microbes with examples .

Analyse the methods to control the microbial growth.

Explain Mendels law of Inheritance.

Examine the various stages involved in meiosis

Identify the economic importance of microbes and what is the impact of them in human beings

Why are immunoglobins used ?Explain the various types of immunoglobulins with its structure and functionalities.

Classify Microbes with examples and a briefly describe about where can we locate them?

Analyse the economic importance of microbes with example

Explain the four main theories of genetic evolution in depth.

Examine the Mendel 's law in detail and justify why pea plants were used for his tests?

Identify the role that bacteria play in the economy and how they affect people.

Distinguish Antigen and Antibody and explain in detail about the types of antibodies..