

3. Outline five distinctions between prokaryotic and eukaryotic cells.

4. Explain the cell theory

5. Describe the structure of DNA

6. Describe the electron transport system and oxidative phosphorylation in eukaryotic cells.

7. Describe Mendel's law of genetics

8. Describe the glycolysis pathway in the metabolism of carbohydrates

SECTION B. ESSAY QUESTION (30 MARKS)

1. Describe the process of photosynthesis in higher plants
2. Describe the structure of the eukaryotic cells
3. Write an essay on the phases of meiotic cell division and its significance.