

Respiration

Photosynthesis

3. Explain why the genetic code is considered:
 - Nearly universal
 - Triplet
 - Non-overlapping
4. List reasons why DNA is considered the primary genetic substance.

5. State and explain the cell theory
6. Describe the structure and distribution of lysosomes
7. Explain how substances go into and out of cells in bulk.
8. Explain the main differences in structure and functions of DNA and RNA genetic materials.

SECTION B: ESSAY QUESTIONS (TOTAL 30 MARKS)

1. Write an essay on the modern theory of the origin of cells and life.
2. Describe the structure, distribution and functions of cell membranes
3. Describe the main characteristics of living things.