

SECTION A (30 Marks)

Answer all questions in this section.

- State six ways in which a Biologist can avoid accidents in a laboratory. 1.
- What is the role of T-cell in the immune response?
 - Give short explanation on how the skin protect the body against infections. (b)
- Briefly explain what would happen if group A blood is transfused into a 3. (a)
 - Name the two types of mutation. here & chromsonyal mutato (b)
- 4. Give three differences between glycolysis and fermentation.
- (5) List six major components of a Biology teacher's guide.
- Give three properties that account for the DNA's suitability as a materi heredity. OByrdenie from bucteria, WKernts of
- Compare and contrast alcoholic fermentation in yeast cells and lactic fermentation in vertebrate muscle cell during strenuous activity.
- Outline six things that are likely to occur if a Biology teacher goes into a class to 8. teach Biology without preparations.
- Briefly explain six uses of scheme of work in teaching and learning. 9.
- Analyze the importance of a syllabus as one of the curriculum material in teaching 10. and learning Biology.

SECTION B (30 Marks)

Answer two (2) questions from this section.

- Describe seven methods that can be used in conservation of the endangered species in the ecosystem.
- State four rules of binomial nomenclature. (a)
 - Explain six economic importance of bacteria in our daily life.

