



COMPETENCE BASED ASSESSMENT

END OF TERM 1 EXAMS 2025

S.1 BIOLOGY

TIME: 2 HOURS

NAME STREAM

SECTION A (Attempt all items)

Item 1

Kelly a student at Ebenezer Christian school had reported late for the first term, when she entered the class she found the teacher teaching about a subject called Biology and its application. However she was puzzled about the subject since it was new in her life. After lessons, Kelly has approached you for assistance.

SUPPORT MATERIAL

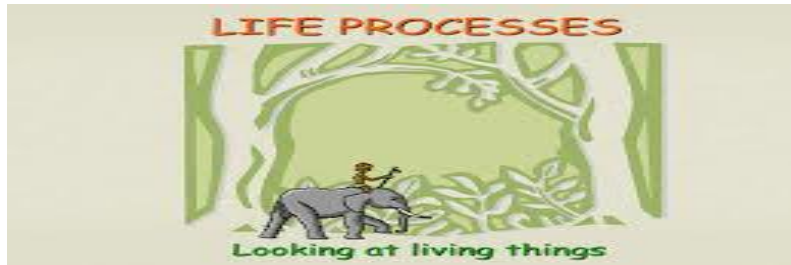


Help Kelly to understand teacher's lesson according to the scenario

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At Ebenezer Christian, students always conduct a Debate on Tuesday. The motion this time was 'Life processes are key factors in sustaining life among living organisms'. The debate is between s.1 west Vs S.1 East whereby the proposers are from West. Amanyia from s.1 west has come to you for some points about the motion.

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Task

Help Amanywa with some points about the motion.

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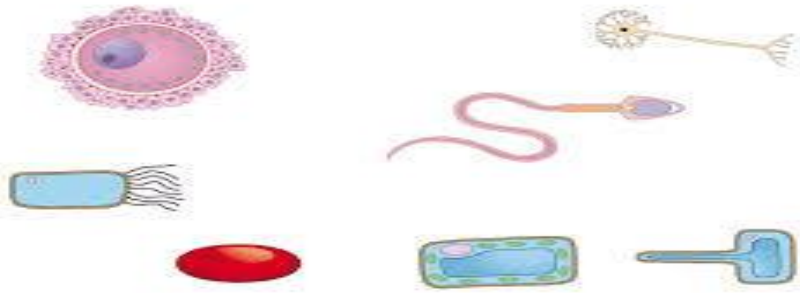
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Item 3

A cell is the basic functional unit of life. All living organisms are made up of special cells which help them to sustain their life. These are referred to as specialized cells.

Support material



Task

Basing on the pictures above, how are the cells able to fulfill their special functions in the body of living organisms.

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

SECTION B (ATTEMPT ONE ITEM)

Item 4

Microbiologists claim that bacteria and Fungi are responsible for the cause of both human infections and plant diseases. Reports show that many people have lost lives due to these microorganisms. However different bacteria are found to be important to in society.

SUUPPORT MATERIAL



Task

- (a) Why bacteria are called microorganisms. [02 scores]
- (b) Describe how bacteria are economically important in our society. [08scores]
- (c) Discuss the role of microorganisms in food making and processing processes (05 scores)

Item 5

All organisms have two names according to the Binomial system of Nomenclature by Carl Linnaeus. During the naming of the organisms, certain rules have to be followed. However, I am a student of S.1 is still puzzled about the proper rules which must be followed during the naming and also is still green about some scientific names of some organisms which he has brought to you on the chart below for assistance.

Support material



Task

Help Ian to understand the names of the organisms and understand the principles according to the scenario. (15 scores)

END

**SUCCESS IS NOT FINAL, FAILURE IS FATAL: IT IS THE COURAGE
TO CONTINUE THAT COUNTS.**