

Student's Examination Number:

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
KIBAHA TOWN COUNCIL
NYUMBU SECONDARY SCHOOL
FORM ONE MID - TERM EXAMINATION

CODE: 033

BIOLOGY

TIME: 2:30 HOURS

August, 2023

Instructions

1. This paper consists of section A, B and C with a total of **eleven (11)** questions.
2. Answer **all** questions in section
3. Section A carries **sixteen (16)** marks, section B **seventy (70)** marks and section C carries **fifteen (15)** marks.
4. Programmable calculators, cellular phones and any unauthorized materials are **not** allowed in the examination room.
5. Write your **Examination Number** at the top right corner of every page.

FOR EXAMINER'S USE ONLY		
QUESTIONS NUMBERS	SCORE	EXAMINER'S INITIAL
1		
2		
3		
4		
5		
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8		

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9		
10		
TOTAL		
CHECHER'S INITIAL		

SECTION A (15 Marks)

Answer all questions in this

1. Choose the best alternative from the choices given and write it on the spaces provided.
 - i) Biology is the branch of science which deals with the study of
 - A. Plants and animals
 - B. Living things and non – living things
 - C. Living things
 - D. Zoology and botany
 - ii) The reason why we study biology one is that
 - A. We should be competent in the subject
 - B. We want to improve the standard of living
 - C. We want to teach student
 - D. We want to be spokes mans of biologist
 - iii) The ability of organisms to detect changes in their environment is termed as
 - A. Irritability
 - B. Movement
 - C. Reproduction
 - D. Nutrition
 - iv) The reason of having a laboratory rule in laboratory is
 - A. To make it smart and attractive
 - B. To make students uncomfortable
 - C. To show how teachers we are strict
 - D. To minimize danger / hazard
 - v) In this way you can preserve alive and terrestrial plants
 - A. In the dam
 - B. Using age
 - C. Botanical Garden
 - D. Museum

- vi) The organelle whose function is transport protein and fats is
 A. Ribosome C. Endoplasmic reticulum
 B. Golgi Apparatus D. Centrosome
- vii) The group of organs which join together and work as a functional unit is
 A. Tissue C. Organism
 B. Organ D. System
- viii) A person bite by a snake is advised not take Alcohol why?
 A. Because he can be bite by another snake again
 B. Since the ant – venom wont work
 C. He want assist professional to identify snake type
 D. Since will increase heart rate and spread of venom quick
- ix) A plant cell type which has no chloroplast is _____
 A. Palisade cell C. Root hair cell
 B. Collenchyma's cell D. Parenchyma cell
- x) Body tube to the microscope has the following function
 A: Hold eye pieces and revolving nose piece
 B: Concentrates light reflected by mirror
 C: Holding objectives in place
 D: Reflect light to the object

i	ii	iii	iv	v	vi	vii	viii	ix	x

2. Match the items in **List A** with the most correct responses in **List B** by writing the letters of the responses beside the item number.

LIST A	LIST B
i) Comes from two Greek words	A. Herbarium
ii) Is a cavity filled with fluid known as cell sap	B. base stand
iii) Provide firm and steady support to the cell	C. female reproductive cell
iv) It controls activities of the cell	D. male reproductive cell
v) Sudden violence disturbance of mind and emotion	E. stock victim
	F. museums
	G. faint victim
	H. Biology
	I. Laboratory

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	J. Bunsen burner K. Oven cook L. Cell membrane M. Vacuole N. Nucleus
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LIST A	i	ii	iii	iv	v
LIST B					

SECTION B (70 Marks)

Answer **all** questions in this section

3. a) Waste is any substance that is no longer I use the teacher said. Mwajuma asked to a teacher to explain the meaning of waste disposal. If a teacher chose you what answer did you respond to Mwajuma?
.....
.....
- (b) Poor waste disposal has led to many effects continue telling Mwajuma the effect of poor waste disposal.
.....
.....
.....
.....
4. a) Define the following terms
i) Personal hygiene
.....
ii) Good manners
.....
iii) Immunity
.....
- b) Explain why a boy at puberty need to practices more of hygiene
Reasons
.....
.....

5. a) Define

i) First Aid

.....
.....

ii) First Aid kit

.....
.....

b) Name five components of First Aid kit

i)

ii)

iii)

iv)

v)

c) Briefly outline ten components of First Aid Kit

i) vi)

ii) vii)

iii) viii)

iv) ix)

v) x)

6. a) With specific examples highlight five reasons why we should study biology

i)

.....

ii)

.....

iii)

.....

iv)

.....

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v)
.....

b) What four characteristics of living things are easily observable in both Plants and Animals

i)

ii)

iii)

iv)

7. a) Define the following terms as used in biology

i) Biology laboratory

.....
.....

ii) Botany

.....
.....

b) Draw the following apparatus found in the laboratory

i) Funnel

ii) Beaker

iii) Measuring cylinder

iv) Test tube

8. a) Draw a well labeled diagram of Animal cell and plant cell

b) Give three differences between animal cell and plant cell

Animal cell	Plant cell

c) What is the function of nucleus in the cell?

.....
.....

9. With examples explain seven characteristics of living things.

i)
.....

ii)
.....

- iii)
- iv)
- v)
- vi)
- vii)

SECTION C (15 MARKS)

10. Write an essay on AIDS using the following guidelines

- a)** Causes of the disease
- b)** Where the causative organism can be found in infected people
- c)** Two ways by which the disease is transmitted
- d)** Three symptoms of disease
- e)** Three ways of preventing the disease from infecting people
- f)** Two ways of preventing people living with HIV / AIDS.

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.