

**PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
UKEREWE DISTRICT COUNCIL**



**FORM ONE EXAMINATION
BIOLOGY FORM ONE MARKING SCHEM.**

1. Multiple choice

i	ii	iii	iv	v	vi	vii	viii	ix	x
C	B	C	A	B	C	B	C	B	C

01@=10 MARKS.

2. Matching items.

i	ii	iii	iv	v
C	B	A	D	E

01@=05MARKS

SECTION "B" 70 MARKS.

3. (a) i. Problem identification.

ii. Formulation of hypothesis

iii. Experimentation

iv. Observation and data recording

v. Data analysis and interpretation

vi. Conclusion

vii. Reporting result.

01@=07marks

(b) i. Eyes

ii. Nose

iii. Skin.

01@=03marks

4. (a) i. Helps to understand how organisms are related in terms of their evolutionary.

ii. It makes communication among biologists in the world easier.02@=04marks.

(b) i. Sperm cell, egg cell, blood cell

ii. Guard cells, root hair cells.01@=02marks

(c) i. x10

ii. x200 02@=04marks

5. (a) i. Nucleus
 ii. Cytoplasm
 iii. Mitochondria
 iv. Cell membrane
 v. Cell vacuole 01@=05marks.

(b)

ONION CELL	HOUSEFLY CELL
Has cell wall	Has no cell wall
Has chloroplast	Has no chloroplast
Store food inform of starch	Store food in form of glycogen
It is regular shape	It is irregular shape
Has large and permanent vacuole	Has small and temporary vacuole

01@=05 marks.

6. i. Microscope/Hand lens
 ii. Sweep nets
 iii. Specimen bottle
 iv. Mortal and Pestle
 v. Beam balance

7. DIAGRAM OF MICROSCOPE.

- i. Neatness of the diagram= 02marks
 ii. Caption=02marks
 iii. Labelling =06 marks (6 parts required)

8.i. Nutrition

- ii. Forestry
 iii. Agriculture
 iv. Medicine
 v. Pharmancy 02@=10 marks.

9. (a) Bread mould

(b) Kingdom Fungi

(c) Phylum Zygomycota

(d) Economic importance of the kingdom Fungi.

- i. Used as source of food for other living organisms e.g. mushroom
 ii. Used in genetic engineering and biological research

iii. Saprophytic fungi are very important in the decomposition of the dead organisms.

iv. They cause diseases in human being and other living organisms

v. Some fungi attack timber used in building houses and making furniture.

(e) i. Phylum Ascomycota

ii. Phylum Basidiomycota

01@=10marks

SECTION "C" 15 MARKS.

10. Concept of kingdom plantae=02 marks

-Sources of food for other living organisms like man and herbivorous

-It is used as source of fuel to man

-Some plants are sources of timber.

-Some plants are drugs that can be abused when taken.

-Some plants are poisonous when taken eaten they cause death to human and other animals

-Plants beautify and decorate the environment

02@=12marks

Conclusion=01mark