**NAME………………………………………………………………CLASS…… ADM.NO………...**

**ANESTAR SCHOOLS JOINT EVALUATION**

**BIOLOGY FORM ONE**

**OPENER EXAMINATION: TERM 2 2024**

**TIME 2 HOURS**

1.State the major branches of biology. (2mks)

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2. What are the main reasons of studying Biology in school. (4mks)

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3. What is meant by the term Biology. (1mk)

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4. List five professional occupations that require the study of biology. (5mks)

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5. Define the following terms as used in biology.

a) Ecology (1mk)

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b) Genetics (1mk)

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c) Cytology (1mk)

……………………………………………………………………………………………………………………

d) Microbiology (1mk)

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e) Mycology (1mk)

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6. List four characteristics of living things. (4mks)

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7. State the function of each of the following apparatus. (4mks)

i) Sweep net………………………………………………………………………………………………………

ii) Pooter ……………………………………………………………………………………………

iii) Balt trap ………………………………………………………………………………………………

iv) Specimen bottle ………………………………………………………………………………………

v) Pitfall trap ………………………………………………………………………………………………

8. What is the term given to this areas of study. (6mks)

i) Study of parasite

ii) Study of classification of living organisms

iii) Study of fungi

iv) Study of sisect

v) Study of tissues

vi) Study of viruses

9. List four differences between plant and animals. (8mks)

Plants Animals

10. State 5 kingdoms and in each case, give an example of an organism. (10mks)

i) …………………………………………………………………………………………………………………

ii)………………………………………………………………………………………………………………

iii) …………………………………………………………………………………………………………………

iv) …………………………………………………………………………………………………………………

v) …………………………………………………………………………………………………………………

11. State the taxonomic units into which living organisms are subdivided in ascending order. (7mks)

12. Give a reason why scientific names are in latin. (1mk)

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13. Define the term species. (1mk)

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14. The scientific name for the black jack plant is *Biden Pilosa* which taxonomic group does the name Biden refer to. (1mk)

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15. Study the diagram below.

B

A C

a)Name the following parts. (3mks)

A

B

C

b) Which part of the diagram is used in magnification. (1mk)

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16. a) Explain the meaning of the following.

i) Respiration. (1mk)

ii) Irritability (1mk)

iii) movement (1mk)

b) State two principles of binomial nomenclature. (2mks)

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