## **BIOLOGY**

## FORM ONE

NAME .	ADM NUMBERCLASS
1.	Define biology (1mks)
2.	Explain the meaning of the following branches of biology. (4mks)
	a) Biochemistry
	b) Cytology
	c) Anatomy
	d) Ecology
3.	A student from Anestar Schools was conducting an experiment. He required different specimen
	state the apparatus he would use to :(3mks)
	a) Collect a stinging scorpion
	state the apparatus he would use to :(3mks)  a) Collect a stinging scorpion
	c) Collect housefly
4.	Differentiate between growth and development (2mks)
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5.	Below is an apparatus used in biological study? Study it and answer the questions that follow.
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	a) Name the part labeled (2mks)
	A
	B
	b) State the functions of the apparatus (1mk)

	mean(1mk)
6.	State four scientific skills that a student studying biology would develop (4mks)
7.	Name three careers that one can pursue after learning biology. (3mks)
8.	A student drew a specimen 10cm long but its actual length was 5cm. he used a hand lens to enlarge the specimen. Calculate the magnification used. (3mks
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9.	Both plants and animals shows movement, compare movement in plants and animals.(2mks)
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10.	A motor vehicle moves produces carbon (IV) oxide fumes and consumes fuel, state three characteristics of living things shown above. (3mks)
11.	The scientific name for maize plant is <i>Zea mays</i> . Which taxonomic group does the name may refer to? (1mk)

12.	Define species. (2mks)
	b. Give a reason why a leopard and a lion cannot breed yet they both come from genus panther.(1mk)
13.	What name is given to the scientific scientific system of double naming(1mk)
14.	List the five kingdoms of classification from the least complex to the most (5mks)
15.	Distinguish between common and scientific names. (2mks)
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16.	What is the relationship between a genus and a species.(1mk)
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17.	Highlight the four principles used in double naming of organisms (4mks)
18.	Man is scientifically referred to as homosapiens. Write the scientific name correctly.(2mks)

19. Write the taxonomic units of classification in order from smallest to largest.(7mks)

20.	Some of the fish in lake Victoria include <u>tilapiazilii,lates</u> niloticus(nile perch),tilapi
	oreochromisridicus and tilapia leucastica.(3mks)
	b. What does the nameniloticus suggest?. (1mk)
21.	Why is classification important? (3mks)
	7.1/1. S. J. C.
22.	State the importance of each of the following in living organisms. (6mks)  a) Excretion
23.	Give two uses of the energy obtained from respiration in humans.(2mks)