

Name.....Stream

553/1

Biology

Paper 1

(Theory)

1 hour 30 min



HOLY TRINITY SENIOR SECONDARY SCHOOL-NKOZI

MID TERM EXAMINATIONS,2023

Uganda Certificate of Lower Secondary Education

S.1 Biology

1 hour 30 min

Answer all questions in the spaces provided

1. While in the holiday, Ssubi was seated in the compound reading his holiday package one afternoon at home. A cock came running after a hen; the cock caught the hen near him. As the cock was trying to climb on the hen, Ssubi threw a stone after them and they got scared and ran away. Ssubi's mother who was coming from the kitchen was angry with Ssubi. Explain how what Ssubi did is biologically bad. (05 marks)

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2. Science as a whole is diverse hence the need for specialization into different fields; Biology as a branch of science is further divided into different branches. As a senior one student that has been introduced to the study of Biology. Complete the following table on branches, definitions and careers in the field of Biology.

(10 marks)

<i>Branch</i>	<i>What is studied</i>	<i>Career</i>
.....	Structures that makeup a living thing	Anatomist
Microbiology
.....	Classification and naming of living things
.....	Physiologist
Bacteriology
.....	Study of fungi	Mycologist

2. In The New Vision paper, the following puzzle on levels of classification of organisms was published. It so happened that Tendo's mother bought the newspaper but was not able to identify the different levels of classification. Help her to identify those levels and arrange them in descending order. (15 marks)

R	E	D	R	O	B	M	Q	R	Y
Q	S	B	R	D	L	K	J	G	V
F	S	M	S	E	I	C	E	P	S
M	A	D	U	N	N	Z	R	U	G
M	L	M	G	L	X	X	N	G	L
T	C	D	I	Q	Y	E	N	R	N
N	O	R	L	L	G	H	T	N	B
M	J	Q	Y	X	Y	Z	P	Z	W

Descending order;

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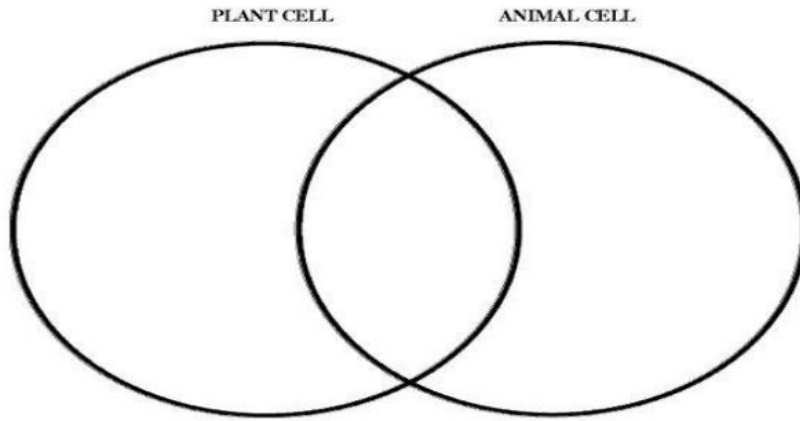
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3. During the mathematics lesson, Mr. Julius gave his students the following features of the cell to use when studying about sets. (10 marks)

Cell wall	Cell membrane	Chloroplasts	Nucleus
Cell vacuole	Cytoplasm	Irregular	Regular

Use the information in the table to help Mr Julius and his students fill the sets below.



(b) State the differences and similarities between animal and plant cells using the sets shown above.

(i) Similarities

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(ii) Differences

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4. There is a proposal in your community whereby the community leaders want to give away the only forest in your community to an investor to construct a factory. As a member of the Wildlife Club in your school, use your knowledge of life processes to write a sensitization message to save the forest. (10 marks)

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Score	Total	Identifier
	50	