

Student's Name: ..... Stream: .....

School: .....

Class	Stream
S. 1	

(Write your Name, Class Stream and School in the spaces provided.)

553/1  
BIOLOGY  
(Theory)  
Paper 1  
March 2022  
1 ½ hours



## PROGRESSIVE SECONDARY SCHOOL - KITINTALE

### Uganda Certificate Of Education

#### S.1 COMPETENCE BASED ASSESSMENT EXAMINATIONS

BIOLOGY

(THEORY)

Paper 1

1 Hour: 30 minutes

#### INSTRUCTIONS:

- This paper consists of **three** questions.
- Answer **all** questions in the spaces provided.
- Illustrations in form of drawings should be made where necessary, with a sharp pencil.

#### For official use only

Number	Score	Teacher's comment
1.		
2.		
3.		

1. Study the pictures below and answer the questions that follow;



(a) Classify the items into two groups by writing their names in the table below; one non-living and the other living things. (08 marks)

Living things	Non-living things

(b) Explain why you have classified / placed those items in those particular categories.

(04 marks)

(i) Living:

.....  
 .....

(ii) Non-living:

.....  
 .....

2. In the word search below;

- (i) Identify and circle ten words that refer to occupations that the study of Biology can lead you to. The words may appear straight across, up-down, or diagonal.

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

- (ii) From the words / occupations found, briefly describe what people in any five occupations do in our society. **(10 marks)**

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3. (a) If your school was a cell in an organism, giving a reason in each case, identify the structures or organisms around the school which would represent the following cell parts;

(i) Cell membrane : .....

Reason : .....

(ii) Nucleus : .....

Reason: .....

(iii) Chloroplast : .....

Reason : .....

(iv) Chloplast : .....

Reason : .....

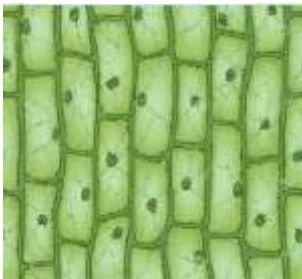
(v) Cell vacuole : .....

Reason : .....

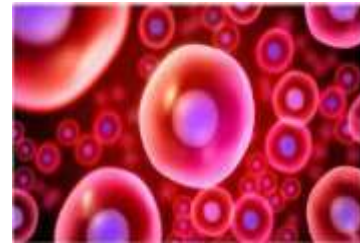
**(10 marks)**

(b) Use the pictures below to answer the following questions

Picture A



Picture B



The above structures are as observed under a microscope and they are very important to life.

(a) Identify the above biological structures in pictures **A** and **B**. **(02 marks)**

Biological structure in picture A : .....

Biological structure in picture B : .....

(b) Draw a single unit from each of the pictures. Do not label. **(04 marks)**

Single unit from picture A	Single unit from picture B

(c) State any two differences between the single units in pictures **A** and **B**. **(04 marks)**

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 .....  
 .....