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MINISTRE DES ENSEIGNEMENTS SECONDAIRES

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REPUBLIC OF CAMEROON
MINISTRY OF SECONDARY EDUCATION
TEACHERS' RESOURCE UNIT
REGIONAL BRANCH FOR THE NORTH WEST

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MARCH 2024

The Teachers' Resource Unit and the Regional Inspectorate of Pedagogy in collaboration with NASTA	SUBJECT CODE NUMBER 0710	PAPER NUMBER 3
GENERAL CERTIFICATE OF EDUCATION REGIONAL MOCK EXAMINATION	SUBJECT TITLE BIOLOGY GROUP 1	
ADVANCED LEVEL		

Time Allowed: THREE HOURS
INSTRUCTIONS TO CANDIDATES

Mobile phones are **NOT ALLOWED** in the examination room.

Answer ALL questions

You will be evaluated on your ability to use good English, to organize information clearly and to use specialist vocabulary where appropriate.

In calculations, you are advised to show all the steps in your working, giving your answer at each stage.

You are reminded of the necessity of good English and orderly presentation in your answers

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SCAN TO VISIT THE WEBSITE

1. a) For each of the eight specimens (A-H) Provided, state:

i) The major group (phylum) to which it belongs

ii) The subgroup (class) to which it belongs.

iii) Its habitat

Specimen	i. Major group	ii. sub group	iii. Habitat
A			
B			
C			
D			
E			
F			
G			
H			

(8 marks)

b) What ecological relationship exists between Specimens C, E, G and H?

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(6 marks)

C i) How is specimen F adapted to its mode of life in its environment?

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(4 marks).

ii) Why is specimen F and specimen H placed in the same major group?

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(2 marks)

TOTAL (20 MARKS)

2(a) Make a large well labeled drawing of specimen A



(6marks)

SCAN TO VISIT THE WEBSITE

b) State and explain 4 features of biological importance of specimen A.

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(4marks)

c) Explain how specimen C obtains its food and makes food available to its cells.

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(4marks)

D) Differentiate between the root system of specimen B and specimen E

Specimen B	Specimen E

e) State two structural adaptations of specimen D.

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(4marks)

(2 marks)

TOTAL (20 MARKS)

3. (a) Pin the bird on its back on a dissecting dish or board, cut into the muscle wall and into the perivisceral cavity. Display the alimentary canal and urinogenital systems. In the space provided below, make a fully labelled drawing of your dissection.

(13 Marks)

Do not write in these boxes	
Dissection quality	
Drawing accuracy	

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b) Annotate five features each on your drawing concerned with Reproduction.

(6 marks)

c) How do birds conserve water?

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(6 marks).

TOTAL (25 MARKS)

4) You are provided with solution D. test for the presence of starch, reducing sugars, non-reducing sugars and proteins. Describe your procedure, observation, results and conclusion.

Procedure	Observation	Result and conclusion
		

(18 Marks)

b) Where does digestion of solution P starts and ends?

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(2 Marks).

c) Briefly describe the digestion of starch in mammals.

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(5 Marks)

TOTAL (25 MARKS)