

GOVERNMENT BILINGUAL HIGH SCHOOL YAOUNDE

MOCK G.C.E 2021

DEPARTMENT: BIOLOGY

CANDIDATE'S FULL NAME		
SUBJECT TITLE	SUBJECT CODE	PAPER NUMBER
BIOLOGY	0710	3 GROUP THREE

PRACTICAL EXAMINATION

THIRD GROUP

THREE HOURS

Enter the information required in the boxes above.

Answer ALL FOUR question. Spaces are provided in this booklet for each section of the questions- for either drawing or writing. The allocation of marks for each section of a question is shown as well as the total marks of each question at the end.

Great importance is attached to careful observation and handling of specimens and in the accuracy of labelling of your diagrams.

You are reminded of the importance of using a hand lens or microscope where appropriate

Turn over

1. (a) For each of the eight specimens (A to H) provided, state
- (i) The major group (Phylum) to which it belongs
 - (ii) The subgroup (Class) to which it belongs,
 - (iii) The scientific or common name.

Your answer should be written below.

Specimen	(i)	(ii)	(iii)
A			
B			
C			
D			
E			
F			
G			
H			

(12 marks)

- (b) State the specific habitat of each of the specimens A to H.

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(4 marks)

- (c) Select two visible external features in each of the specimens A to H and use them to describe how they are adapted to their environments.

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(14 marks)

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(14 marks)

(b) specimen B and E belong to two different phyla. Using a table contrast three prominent differences between these specimens.

Prominent differences	Specimen B	Specimen E
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(6 marks)

(Total = 20 marks)

3. (a) Dissect the mammal provided to display the main organs in the neck, thorax and abdomen concerned with respiration, circulation, digestion, excretion and reproduction.

Make a fully labelled drawing of your dissection. (20 marks)

(b) Annotate the structure of the systems in (a) above to show how it functions.

(5 marks)

Leave your dissection properly displayed for assessment after the examination (Total = 25 marks)

4. (a) Test the content of beaker P for the presence of starch, reducing sugars, non-reducing sugars and proteins. Record your procedure, results and conclusions.

Procedure	Results	Conclusions

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(17 marks)

(b) From the results in (a), state the importance of this nutrient solution in the diet of young animals.

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(3 marks)

(c) How is starch digested in humans?

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(5 marks)

(Total= 25 marks)

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