

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

MWANZA REGION MOCK EXAMINATIONS

FORM FOUR- AUGUST, 2017

BIOLOGY 2B

(ACTUAL PRACTICAL)

CODE NO. 033/2B
22th August , 2017

TIME: 2.30 hours
8.00 -10.30 a.m.

INSTRUCTIONS:

1. This paper consists of two (2) questions. Answer ALL the questions.
2. Each question carries 25 Marks.

This paper consists of 3 printed pages.

1. You are provided with two sample solutions A and B.
- (a) Carry out food test experiments to identify food substance present in solution A and B.

Tabulate your experimental work as shown in the table below:

FOOD TESTED	PROCEDURES	OBSERVATIONS	INFERENCE

- (b) For the food substance identified in 1(a) above:-
- (i) Name the end products of their digestion.
 - (ii) State the part of the body in which digestion of each food substance identified in the solutions takes place.
 - (iii) Name the part of the alimentary canal in which absorption of the food substances identified in 1 (a) above takes place.
 - (iv) Mention the enzymes responsible for their digestion.
 - (v) One of the food substance identified above, is important for the children. Name that food substance and state its four (4) functions.
 - (vi) To each food substance identified 1 (a) name at least two sources of that food.

2. You have been provided with specimens R, S, T.
- (i) Identify each specimen by its common name.
 - (ii) Name the Kingdom and Phylum/Division in which each specimen R, S, T belong.
 - (iii) State three (3) advantages of specimen R.
 - (iv) State the habitats of specimen S, T.
 - (v) Draw a well labeled diagram of specimen T.