

GATUNDU SUB COUNTY FORM 4 2016 EVALUATION EXAM

BIOLOGY PRACTICAL.....231/3

1. (i) Examine photograph k 1 and K2 then answer the questions that follow.

(a) Name the response that is exhibited by the seedlings. 1mrk.

(b) Explain how the response you have stated in (a) above occurs. 6mrks

(C)What is the significance (survival value) of the response you have stated in (a) above.1 mrk.

(ii) Photographs R1 and R2 show a certain response in plants.

a) Name the response shown by plant X. 1 mrk

b) Explain how the response you have stated in (a) above occurs. (3mks)

c) What is the biological significance of the response shown by X? (3 mks)

2 (a).Identify organs B and D in photograph T2 and state the class of organism from which they were obtained(4mks)

<u>ORGAN</u>	<u>IDENTITY</u>	<u>MAMMALIAN CLASS</u>
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B

D

(b)State the common function of the organs identified in (a) above. (1mk)

(c)Name the parts of the body where B and D in photograph T2 are found (2mks)

B

D

(d)List the adaptations of D to its functions (3mks)

(e)Using observable features only, state how B is adapted to its function (2mks)

3. You are provided with solution M and various reagents. Use them to carry out food tests. (13MKS)

TEST	PROCEDURE	OBSERVATION	CONCLUSION