

KIYALA HIGH SCHOOL
MID-TERM TWO ASSESSMENT TEST 2024

BIOLOGY

S.2

Time: 1 Hours: 30 minutes

INSTRUCTIONS:

- *This paper consists of **three items.***
- *Answer **all** the items.*

Item 1

The S.2 class toured the school farm and saw the different plant specimens as shown below.



Task

a) Identify the specimen labeled.

- A
.....
- B
.....
- C
.....
- D
.....
- E
.....
- F
.....

b) Discuss the special modifications of each specimen and give the function of each modification in the table below.

Special stem	Describe modification	Function of modification
A		
B		
C		
D		

Item 2

A specimen below shows various plant roots. Carefully observe each one of them.



Task

a) Identify the plant from where each specimen was obtained.

Specimen	plant
A	
B	
C	
D	

b) What special adaptations are shown in specimen A and give their functions.

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c) i) Explain the common adaptation to specimen B, C and D.

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ii) State the main function of the adaptation shown in B, C and D.

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d) Give three main functions of roots to plants.

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.....

Item 3

Opolot panted beans at the beginning of the season and on flowering, he observed a lot of different insects such as bees, caterpillars and adult butterflies in his garden. Opolot fears bees due to their poisoners sting. He decided to spray the garden with insecticides so as to get rid of the bees. He wants to kill the caterpillars too.

Task

Write a letter to Opolot advising him against the action of killing bees for the benefit of his garden. In your letter, inform Opolot on how he can get rid of caterpillars without killing adult insects.

GOODLUCK