

MUTITO SUB-COUNTY KCSE REVISION MOCK EXAMS 2015

231/3
BIOLOGY
PAPER 3
(PRACTICAL)
TIME: 1¾ HOURS

SCHOOLS NET KENYA

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NAME _____
 SCHOOL _____

INDEX NO. _____
 SIGNATURE _____
 DATE _____

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MUTITO SUB-COUNTY FORM FOUR JOINT EVALUATION TEST, 2015
Kenya Certificate of Secondary Education (K.C.S.E)

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 BIOLOGY
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INSTRUCTIONS TO CANDIDATES

1. Write your name, school and index number in the spaces provided above.
2. Write the date of examination and sign in the spaces provided above.
3. Answer **ALL** the questions in spaces provided.
4. You are required to spend the first 15 minutes of the 1¾ allowed for this paper reading the whole paper carefully before commencing your work.
5. Answers must be written in the spaces provided in the question paper.
6. Additional pages must not be inserted.

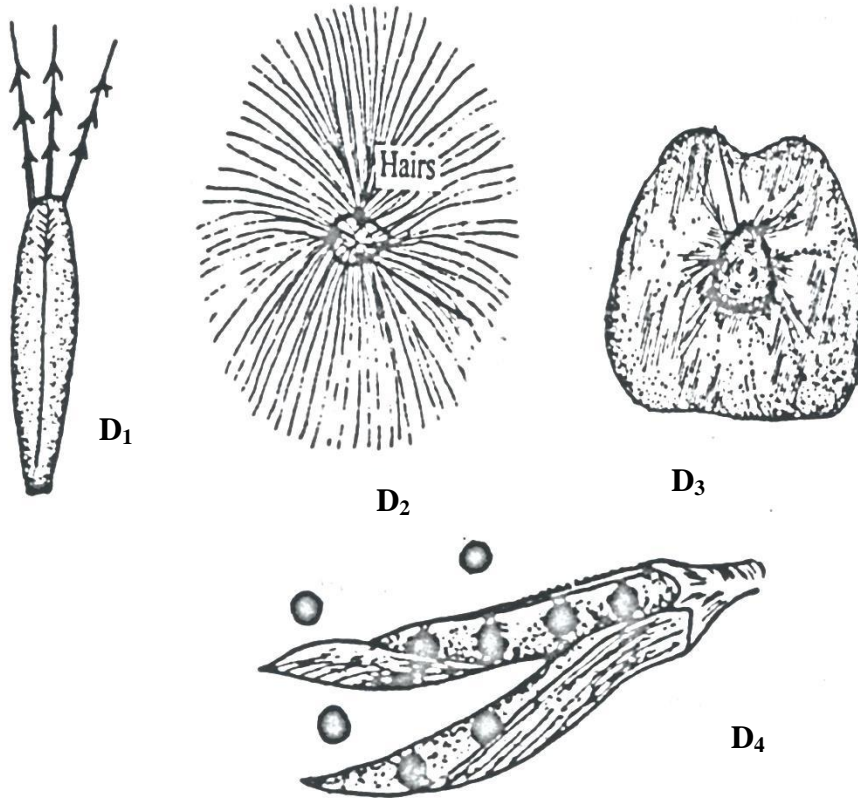
FOR OFFICIAL USE ONLY

QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
1	12	
2	18	
3	10	
TOTAL SCORE	40	

This paper consists of 4 printed pages.

Candidates should check to ensure that all pages are printed as indicated and no questions are missing.

1. You are provided with photographs labelled D₁, D₂, D₃ and D₄. Examine them.



a) Give reasons, state the agent or method of dispersal of the specimens. (8 marks)

SPECIMEN	Agent/method of dispersal	Reason
D ₁		
D ₂		
D ₃		
D ₄		

b) State the type of gynoecium and placentation of D₄. (2 marks)

i) Gynoecium _____

ii) Placentation _____

c) State the other two types of placentation. (2 marks)

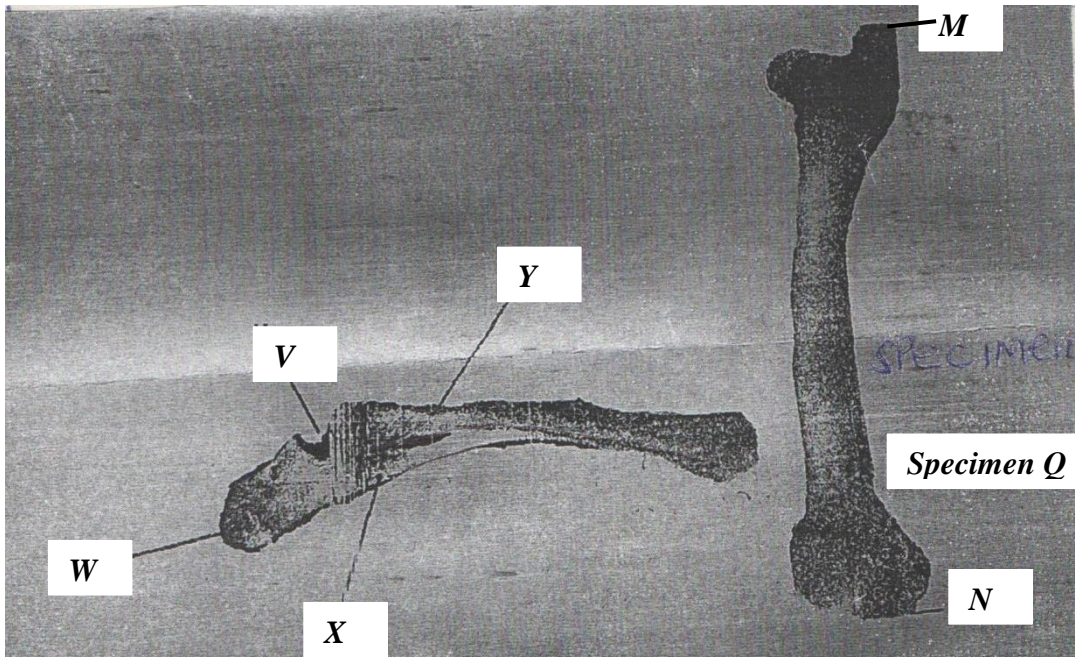
2.a) You are provided with suspension W. Using the reagents provided carry out tests to identify the food substances present in the sample.

TEST	PROCEDURE	OBSERVATION	CONCLUSION

b) Explain how the food substances present in W are assimilated.

(4 marks)

3. Study the photograph given below to answer the questions that follow.



a) Identify the specimens: (2 marks)

X _____

Y _____

b) Name the part of the mammalian body from which the specimen X was obtained. (1 mark)

c) With reasons name the type of joint formed at the proximal and distal ends of specimen Q.

Proximal end _____ (1 mark)

Reason _____ (1 mark)

Distal end _____ (1 mark)

Reason _____ (1 mark)

d) What is the significance of part labelled W? (1 mark)

e) Given that the actual length of specimen Q from M to N is 28cm, calculate the magnification of Q. (2 marks)
