

Name.....

Index No.

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231/3
BIOLOGY
PAPER 3
PRACTICAL
JULY / AUGUST 2012
Time: 2 Hours

KWANZA DISTRICT JOINT EVALUATION TEST - 2012
Kenya Certificate of Secondary Education (K.C.S.E)

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BIOLOGY
PAPER 3
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INSTRUCTIONS TO CANDIDATES

1. Answer all the questions.
2. Spend the first 15 minutes of the 1 ¾ hours allowed for this paper reading the whole paper carefully before commencing your work.
3. Answers MUST be written in the spaces provided in the QUESTION PAPER ONLY.

FOR EXAMINERS USE ONLY

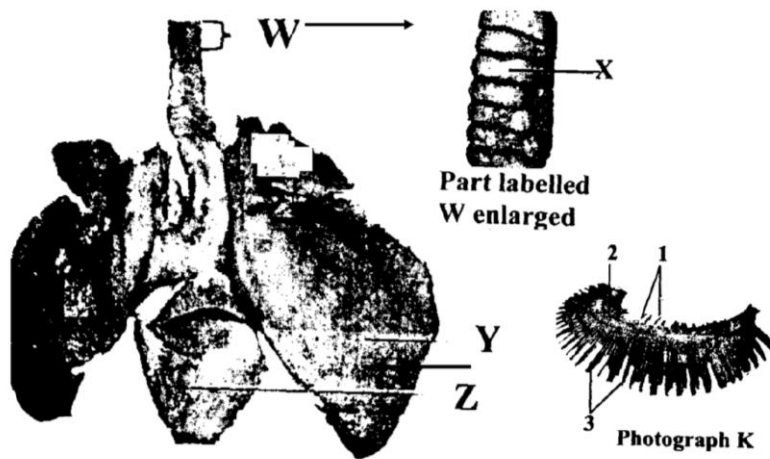
QUESTION	Max Score	Candidate Score
1	14	
2	14	
3	12	
TOTAL SCORE	40	

*This paper consists of 8 printed pages.
Candidates should check the question paper to ensure that all pages are printed as indicated*

d) Write a word equation for the reaction taking place in tube M. (2mks)

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2. Below are photographs labelled J and K of organs obtained from different animals. The organs perform similar functions.



Photograph J

a) Identify the organs (2mks)

J.....
.....
K.....
.....

b) State the functions performed by the organs. (2mks)

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.....
.....
.....

c) Name the parts labelled X Y and Z in photograph. (3mks)

J.....

X.....

Y.....

Z.....

d) i) Identify the parts labelled 1,2 and 3 in photograph K. (3mks)

1.....

2.....

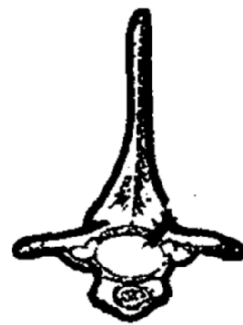
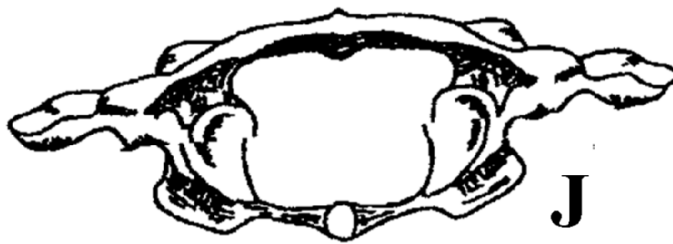
3.....

ii) Using observable features state how the parts labelled 1 and 3 you identified in (d)(i) above are adapted to their functions. (4mks)

1.....

3.....

3. Below are diagrams of specimens J K and L that have been obtained from different regions of the same mammalian body. Examine them.



a) i) Identify the diagrams

J

K

L

ii) State one functions for each of the diagrams

J

K

L

b) i) State two adaptations of L to its function in above. (2mks)

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ii) Name the structure that fits into the large opening of J, K and L (1mk)

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c) Name three features that difference late specimen L from specimen J and K. (3mks)

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