Dr. Bbosa Science

UGANDA NATIONAL EXAMINATION BOARD

PRIMARY LEAVING EXAMINATION

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Science 2011

Time allowed: 2hours 15 minutes

Index No:

Candidate's Name……..

Candidate's signature……..

District Name……

Read the following instructions carefully

1. This paper has two sections **A** and **B.** Section **A** has 50 questions and section **B** has 5 questions. The paper has 15 pages following altogether.
2. Answer all questions. All answers to both sections A and B must be **written** in the spaces provided.
3. All answers must be written using a blue or black ball-point pen or ink. **Any** work written in pencil other than graphs, pictures and diagrams will **not** be marked.
4. Unnecessary change of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss to marks.
6. Do not fill anything in the boxes indicated:
7. "For examiners'. Use only and inside the question paper

FOR EXAMINERS USE ONLY		
No	**MARKS**	**EXR'S NO.**
1-10		
11-20		
21-30		
31-40		
51		
52		
53		
54		
55		
Total		

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1. Name the disease which is spread by a female anopheles mosquito

……

……

2. Which form of energy changes ice to water?

……

……

3. Give a reason why drugs should be kept away from children.

……

……..

4. Name the class of simple machines to which an axe belongs.

……

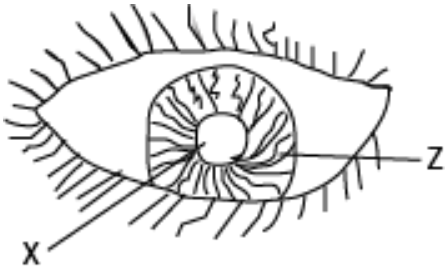
……

5. Write down any one example of a plant fibre.

……

The diagram below is of a human eye.

Use it to answer question 6 and 7



6. Name the part marked with letter X

……

7. Give the use of the part marked with letter Z.

……

……

8. State one types of accidents whose First Aid is to put the affected part of the body in cold water.

……

9. Why should children be given food which is rich in proteins?

……

……

10. Give one way in which plants depend on soil.

……

……

11. Give one way in which the umbilical cord is important to the developing focus in the uterus.

……

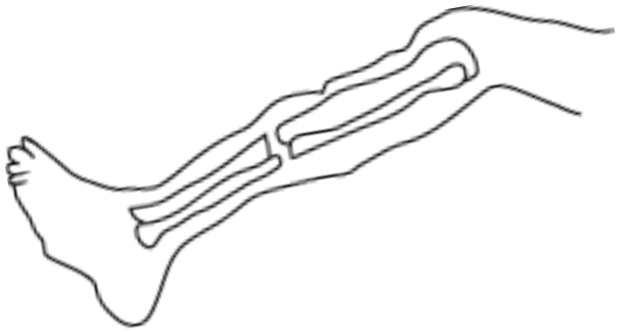
……

12. Name any one characteristic of seeds which are dispersed by wind.

……

……

The diagram below shows a fracture. Use it to answer question 13.



13. What type of fracture is shown in the diagram above?

……

14. State the compass direction in which a freely suspended magnet will rest.

……

Turn over

15. What is the use of gills in a mushroom?

……

……

16. Give one way in which P7 pupils can promote immunization in their families

……

……

17. Apart from pregnant mothers, young and disabled people, give any one other group of people who need special care in a family.

……

……

18. In which way is a fuse similar to s switch in a simple electric circuit?

……

……

19. Why should a nurse shake the clinical thermometer before it is used on another patient?

……

……

20. State one way in which a farmer can control crop disease without using chemicals.

……

……

21. Name the turning point of a machine.

……

22. Why are ventilators usually put on a higher level than doors and windows in a house?

……

23. How do conifers differ from other non- flowering plants?

……

……

24. What is the importance of a chimney in a kitchen?

……

……

25. Apart from getting food, give any one other way in which birds benefit from plants.

……

……

26. What types of skeleton does a cockroach have?

……

27. What is the importance of water during seed germination?

……

……

28. How does a human body cool itself on a hot day?

……

……

29. How is the fertilization of the eggs of amphibians different from those reptiles?

……

……

30. How can the pitch of a string of a musical instrument be changed?

Turn over

31. Mary shouted in a big house and she head the same sound repeated. Name the repeated sound she heard.

……

……

32. Give one disadvantage of using herbicides (chemicals) to kill weeds in crop gardens.

……

……

33. State an example of a crop which is a legume.

……

34. Give any one way in which the human liver can be kept in proper working condition.

……

……

35. State any one way in which termites depend on soil.

……

……

36. A man lives with, two sons and a nephew. What type of family is this?

……

……

37. Name any by –product of respiration.

……

……

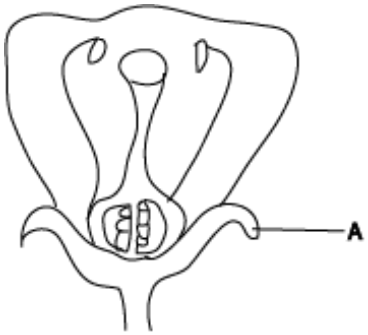
38. State the type of change that takes place when a baby grows to an adult.

……

……

The diagram below is a section of a flower.

Use it to answer question 39 and4 0



39. Name the part marked *A*

……

40. Use letter P to show the part that produces the male reproductive cells.

Turn over

Section B: 40 marks

Question 41 to 55 carry four marks each.

41(a) Give one way in which primary health care (PHC) is important to a community.

……

……

(b) State the elements of primary Health Care which is promoted by each of the following activities:

(i) Sweeping the kitchen.

……

……

(ii) Putting drops of polio vaccine into the mouth of a child.

……

……

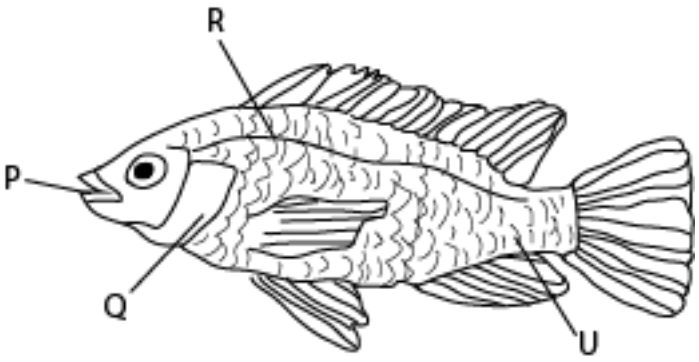
(iii) Eating a balanced diet.

……

……

42. The diagram below is of a fish.

Use it to answer the follow



(a) Name the part labeled R

……

(b) Give the function of the part labeled **P** and **U**

(i) P……

……

(ii) U ……

……..

(c) What structure is covered by the part labeled Q?

……

……

43(a) states two differences between birds and mammals

(i)……

……

(ii)……

……

(b) Give two similarities between birds and mammals

(i)……

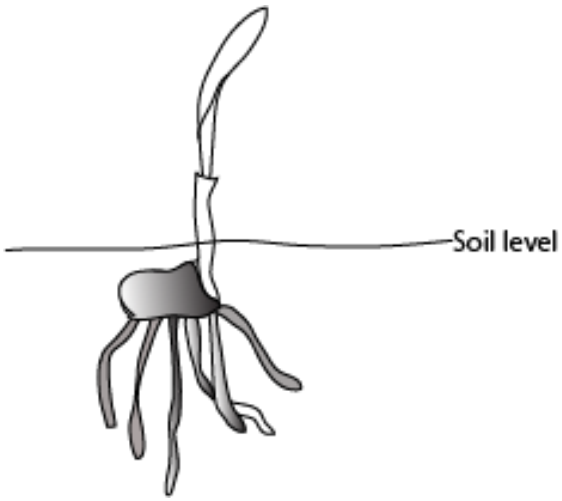
……

(ii)……

……

44. **The diagram below shows a germinating seed**

Use it to answer the questions that follow



(a) State the type of germination shown above.

……

(b) Where does the seed above store the food used during germination?

……

……

(c)Give an example of a crop with the same types of germination.

……

……

(d) Apart from moisture, state any one other condition necessary for seed germination.

……

45. (a) state any two natural causes of environmental degradation

(i)……

……

(ii)……

……

(b) Give two human causes of environmental degradation

(i) ……

……

(ii) ……

……

46. (a) Which part of the body is affected by each of the following diseases

(i) Scabies ……

……

(ii)Trachoma ……

…..…….

(b)State the vector which spreads each of the following disease

(i) Bilharzias……

……

(ii) Rabies……

……

47. (a) Mention two primary sex changes that happen in boys

(i)……

……

(ii)……

……

(b) Give two secondary sex changes which happen in both boys and girls

(i)……

……

(ii)……

48. (a) Apart from millets, wheat and sorghum, give any one other cereal food crop.

……

……

(b) Mention any one common pest that that destroys cereals crops

……

……

(c) Give any two reasons why cereal crops are dried before storing

(i)……

……

(ii)……

……

49. Apart from a worker bee, mention two other types of bees found in a bee hive.

(i)……

(ii)……

(b) Write down two materials collected by a worker bee from the environment

(i)……

(ii)……

50. (a) What form of energy does a ball have before it is kicked?

……

(b) What energy change takes place immediately a ball is kicked?

……

(c) Give two forms of energy produced by the ball as the goal keeper catches it

(i)……

(ii)……

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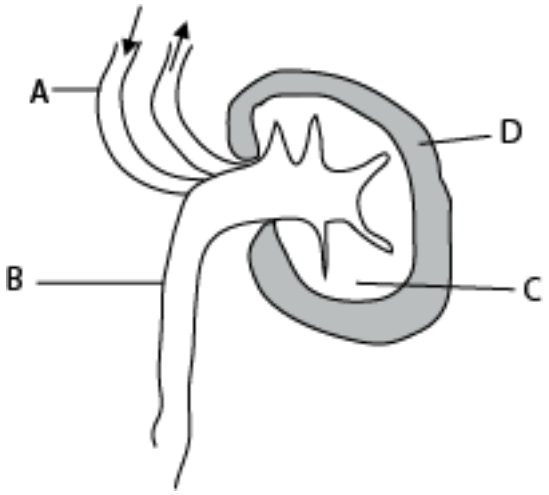
51. **The diagram below is a section of human kidney.**

Use it to answer the questions that follow.



(a) Name the part marked with letter B and **C**

(i) **B** ……

(ii) **C** ……

(b) What happens to blood in the part marked with letter **D**

……

(c) How is part **A** important to the kidney?

……

52.(a) Give any two reasons why it is important to wash hands before eating food.

(i)……

……

(ii)……

……

Turn over

(b) Apart from washing, mention any two other activities one can do to maintain personal hygiene.

(i)……

……

(ii)……

……

53. (a) Name two natural resources in the environment that enable green plants to make their food.

(i)……

……

(ii)……

……

(b) What is the name of the process in (a) above?

……

……

(c) Which gas is given off during this process?

……

……

54. (a) Name any two products got from sheep.

(i)……

……

(ii)……

……

(b) What does shearing refer to in sheep rearing?

……

……

(c) How can a farmer control pneumonia in sheep?

……

……

55. (a) What force makes a pencil to reduce in length as one writes?

……

……

(b) Name any one form of energy produced by the force in (a) above as one writes.

……

……

(c) Give any two disadvantage of the you have named above to the writer

(i)……

(ii)……..

END