KAMPALA QUALITY PRIMARY SCHOOL

P.7 EMERGENCY HALF TERM REVISION SET 4, 2020

Integrated Science

Time allowed: 2hous and 15 minutes

NAME: _____

Stream: _____

District: _____

Date _____

EXAMINER'S USE ONLY

A	
B	
TOTAL	

Read the following instructions carefully:

1. **The paper is made up of section A and B.**
2. **Section A has 40 short answer questions (40 marks).**
3. **Section B has 15 questions (60 answers).**
4. **Answer ALL questions. All answers to both section A and B must be written in the spaces provided.**
5. **All answers must be written in blue ink.**
6. **Any handwriting that cannot easily be read will lead to loss of marks.**
7. **Unnecessary alteration of work may lead to loss of marks.**
8. **Do not write anything in the box indicated examiner's use only.**

PARENT'S COMMENT	SIGNATURE

SECTION A (40 marks):

1. Name one structure in a worker bee which makes it to be different from other types of bees.

   _____

2. Apart from a cockroach, give any other vector commonly found in a pit latrine.

   _____

3. Give the difference between a sty and kennel as used in animal management.

   _____

4. In which way are swamps important in the environment?

   _____

5. Why are mammals grouped under warm blooded animals?

   _____

6. How does a farmer benefit from having proper records about his farm?

   _____

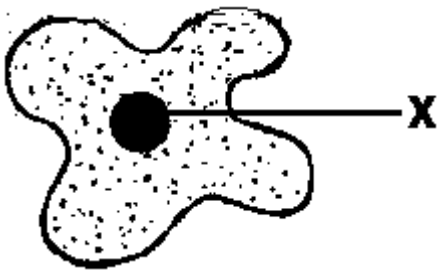
7. Identify the sense organ that rabbits use for hearing.

   _____

8. Why do chameleons change colours according to that of their surroundings?

   _____

The diagram below shows a component of blood.



9. Name X.

   _____

10. What is the use of the above component of blood in our bodies?

    _____

11. A stone has a mass of 81g and volume of $9cm^3$. Find its density.

    _____ _____

12. How is oral rehydration solution important to a dehydrated person?

_____

13. Apart from seeds, what else do plants use to multiply?

_____

14. Besides hearing, give one other function of the human ear.

_____

15. Which component of air is used in the preservation of bottled drinks?

_____

16. From which part of the environment do plants get water for photosynthesis?

_____

17. State any one way in which health parades are important in Primary schools.

_____

18. Apart from painting, give one other way in which metals can be prevented from rusting.

_____

19. State the importance of a window on a house.

_____

20. Which farming practice in a garden helps to improve soil fertility?

_____

21. How does immunisation promote health among infants?

_____

22. Why should one include fruits in his/her diet?

_____

23. Suggest any one way in which human beings use energy from the sun?

_____

24. In which way do bacteria help in soil formation?

_____

25. State the basic reason why people brush teeth every after a meal?

_____

26. Why do female anopheles mosquitoes feed on blood?

_____

27. Mention the bad eating habits that can lead to indigestion in humans.

_____

28. How is a bat different from a hen in their way of reproduction?

_____

_____

Study the diagram below and answer question 29 and 30.

29. Name part X.

_____

30 How is part X important to the organism above?

_____

31. Point out one reason why we are encouraged to do daily physical exercise.

_____

32. Why are people encouraged to store surplus food?

_____

33. What type of change takes place when you eat food and get energy?

_____

34. Why is it a bad practice to mulch a crop garden using grass which is not completely dry?

_____

35. State the major product got from cattle with a wedge shape.

_____

36. What is food preservation?

_____

37. How is slashing tall grass around homes a good health practice?

_____

38. Apart from a leaf structure, give one other difference between monocotyledonous plants and dicotyledonous plants.

_____

_____

39. Mention the fungi used in brewing beer.

_____

40. State the disadvantage of leaving termite moulds to develop near a crop garden.

_____

Section B (60 marks)

41. Nakato came back from school and found left-over chips which were not covered. Because she was very hungry, she began to eat them at once.

(a) State two good health practices which Nakato did not follow.

(i) _____

(ii) _____

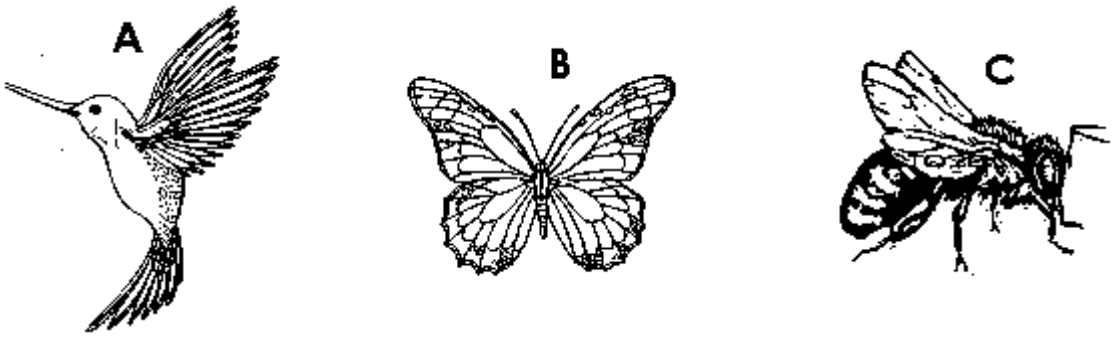
(b) Name a disease Nakato could suffer from.

_____

(c) State the cause of the disease in (b) above.

_____

42. **Use the diagram below to answer the following questions.**



(a) In what way are organisms above similar in terms of;

(i) feeding _____

(i) movement _____

(b) State one way a farmer benefits from the organisms above.

_____

(c) How is organism A different from the rest?

_____

43. A farmer who practices intercropping has the following crops to plant: beans, cassava, groundnuts and potatoes.

_____

(a) Which two crops would be advisable for the farmer to plant together?

(i) _____

(ii) _____

(b) Why is it not advisable to plant maize crop in the same piece of land for three consecutive planting seasons?

_____

(c) What advice would you give the farmer in (b) above?

_____

44(a) What major role do leaves play in a plant?

_____

(b) Suggest any two ways leaves are adapted to their role you have mentioned in (a) above.

(i) _____

(ii) _____

(c) Why are plants unable to make food at night?

_____

45. **The table below shows part of a child's immunisation card.**

Vaccines	Dates	Immunization	3
BCG	12/08/1999		
POLIO	12/08/1999		
DPT	11/11/1999	10/12/1999	09/01/2000
MEASLES			08/05/2000
		completed	√ √

(a) When was the child born?

_____

(b) Give a reason to support your answer in (a) above.

_____

(c) At what age was the immunisation completed?

_____

(d) Give a reason for your answer in (c) above.

_____

46(a) Give two characteristics of insect pollinated flowers.

(i) _____

(ii) _____

(b) Why is a moth able to pollinate flowers at night?

_____

(c) State the difference between self-pollination and cross pollination.

_____

_____

47(a) Write the meaning of the term drug misuse as used in science.

_____

(b) State two reasons why people drink alcohol.

(i) _____

(ii) _____

(c) Apart from the liver, name any other organ affected by alcohol.

_____

48. **The diagram below shows bottles of the same with water at different levels as indicated. Study them and answer the questions that follow.**

(a) If each bottle is blown separately, which one will produce:

(i) the highest pitch of sound

_____

(ii) the lowest pitch of sound _____

(b) What will happen to the pitch of sound produced by bottle W if water is increased to the level of bottle Y?

_____

(c) What will happen to the sound produced by each of the bottles if water was replaced by the same quantity of milk?

_____

49(a) Give any two reasons for preserving fish.

(i) _____

(ii) _____

(b) Give one traditional way of preserving fish at home.

_____

(c) State any one modern way of preserving fish.

_____

50 In four sentences state how you can make sugar salt solution.

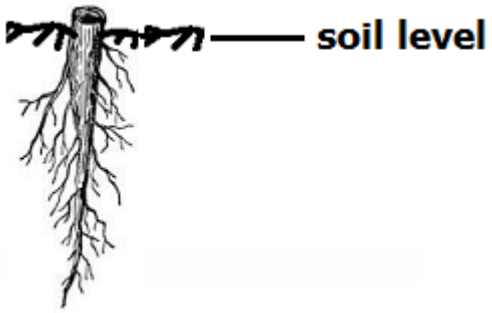
(a) _____

(b) _____

(c) _____

(d) _____

51. **The diagram below shows part of a plant.**



(a) Name the type of root shown above.

_____

(b) From which part of a seed do roots grow?

_____

(c) Mention one plant that stores food in its roots.

_____

(d) State one way one can benefit from plant roots.

_____

52(a) Which component of blood helps in blood clotting in case of a cut?

_____

(b) How does the blood component above able to stop blood flow from a cut?

_____

(c) Identify one part in ones body where blood is made.

_____

(d) Mention one importance of blood in one's body.

_____

53(a) What is gestation period?

_____

(b) Point out two exotic breeds of rabbits kept in Uganda.

(i) _____

(ii) _____

(c) Give one reason why people rear rabbits.

_____

54(a) Suggest one possible cause of prolonged drought in Uganda.

_____

(b) Give any one effect of prolonged drought to the environment.

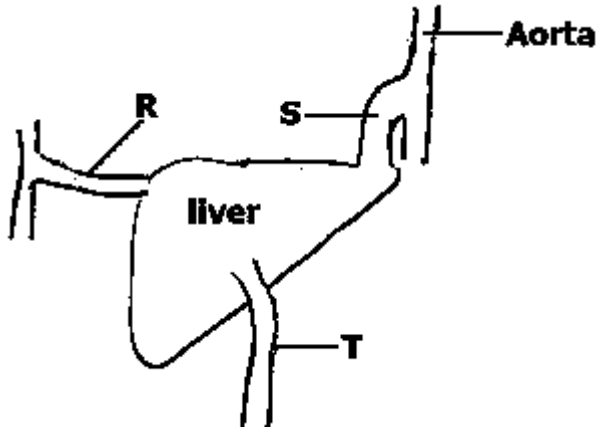
_____

(c) List down two ways of controlling prolonged drought conditions.

(i) _____

(ii) _____

55. **Below is part of the circulatory system.**



(a) Name blood vessels R and S.

(i) R:_____

(ii) S:_____

(b) Write the organ from which blood is carried by blood vessel T.

_____

(c) Why does blood from the organ in (b) above have to first pass through the liver?

_____