

WAKISO DISTRICT JOINT EXAMINATIONS BOARD

(WAKISO MAIN, KIRA, MAKINDYE AND NANSANA MUNICIPALITY)

PRIMARY SEVEN INTERNAL ASSESSMENT

2020

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.						Personal No.		

Candidate's Name.....

Candidate's signature.....

School Name.....

District / Municipality.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following Instructions Carefully:

1. The paper has two sections A and B.
2. section A has 40 short questions (40 marks)
3. section B has 15 questions (60 marks)
4. Attempt ALL questions. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written using blue or black ball point pen or ink. Only diagrams and graph work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for Examiners' use only.

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FOR EXAMINERS' USE ONLY		
Qn.No.	MARKS	EXR'S NO.
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

W.A.D.E.B

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SECTION A (40 MARKS)

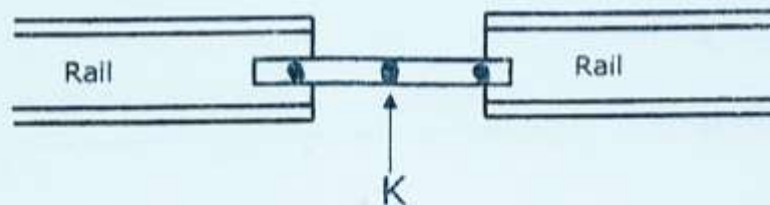
1. Write down the vector that spreads malaria.

2. How is biological change similar to chemical *change*?

3. Why do you think carbondioxide is matter?

4. How does the wearing of masks prevent the spread of corona virus?

5. Study the diagram below and answer the question that follows.



Why is the gap marked **K** left between the rails?

6. When should one wear sun glasses?

7. Of what importance is a web to a spider?

8. How can you assist a person who has a foreign body in the eye?

9. How does oil poured over stagnant water kill the larva of a mosquito?

10. A stone was thrown into air. It suddenly stopped and returned down. What force in nature made it drop down?

11. What good health habit should be practiced after visiting a latrine?

12. Why do some plants climb others?

13. Write down the type of venation shown in the diagram below.



14. Give the function of the amniotic fluid during pregnancy.

15. Why is a wet cloth put on the body of a child with fever?

16. Why is the skin called an excretory organ?

17. Apart from wearing masks, give any good practice that can help to control the spread of corona virus.

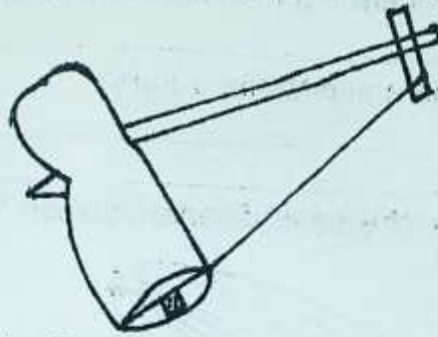
18. Give any one reason why a bat is not a bird.

19. How are animals important during the process of photosynthesis?

20. What form of energy does a stone have when it is at the ground?

21. Give any one example of a legume.

The diagram below shows a musical instrument. Use it to answer the question that follows.



22. What determines the pitch of sound produced by that instrument?

23. How is sound produced by the drum?

24. Name the structure in the human body that connects a bone to a bone.

25. Why is a rice seed grouped under monocotyledonous seeds?

26. How can you advise a teenager to promote personal hygiene?

27. Give one effect of tobacco smoking to the students of Bweyogerere S.S.S who smoke.

28. Why should drugs be prescribed by the health worker before they are used by the sick person?

29. Which method would you use to find the volume of an irregular object?

30. Why is it important to brush teeth after every meal?

31. Give any one importance of mulching a plantation.

32. State the scientific term used to mean the process of soil formation.

33. In the space provided below, draw a horse-shoe magnet and indicate its poles.

34. What is formed when wood burns under a limited supply of oxygen?

35. How does a tortoise protect itself from enemies?

36. Why does a nail sink when it is put in a bucket full of water?

37. Which part of the human body is attacked by trachoma?

38. Of what importance is a trowel to a crop grower?

39. How do people benefit from the bees?

40. Identify any one way through which worms enter our bodies?

SECTION B (60 MARKS)

41. The list below shows different activities carried out by people in the environment. Use it to answer the questions that follow.
- i) Poaching
 - ii) polluting
 - iii) Deforestation
 - iv) Castrating
 - v) Mulching

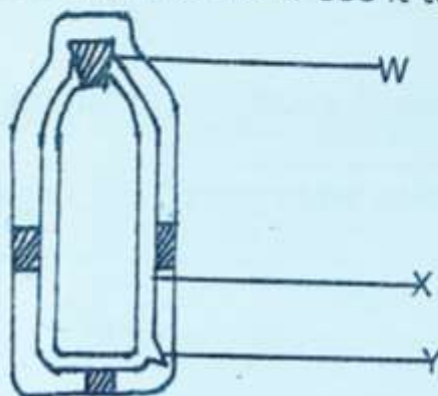
a) Which activity is good for soil conservation?

b) Write the activity which is likely to decrease the amount of rainfall.

c) Which activity will reduce the breeding of animals?

d) Identify the activity that would affect the tourism industry.

42. The diagram below shows a thermos flask. Use it to answer the questions that follow.



a) Name the parts labelled **W**, **X** and **Y**.

i) W _____

ii) X _____

iii) Y _____

b) What is the function of the thermos flask?

43. a) Why should utensils be washed immediately after using them?

b) Why should utensils be placed on a rack after washing them?

c) Why is it advisable to construct a rack at least one meter above the ground?

d) Identify any one disease controlled by keeping the utensils clean.

44. In the space provided below, draw a diagram to show that light travels in a straight line. Label your diagram correctly.

45. a) What is poultry?

b) Give any two reasons for keeping poultry

i) _____

ii) _____

c) Which method of poultry is likely to be exposed to so many chances of contracting diseases?

46. a) What do you understand by puberty?

b) Name any two primary sex characteristics in adolescents

i) _____

ii) _____

c) Mention any one danger for a primary girl to become pregnant.

47. a) Apart from sexual intercourse with an infected person, give two other ways of contracting **HIV**.

i) _____

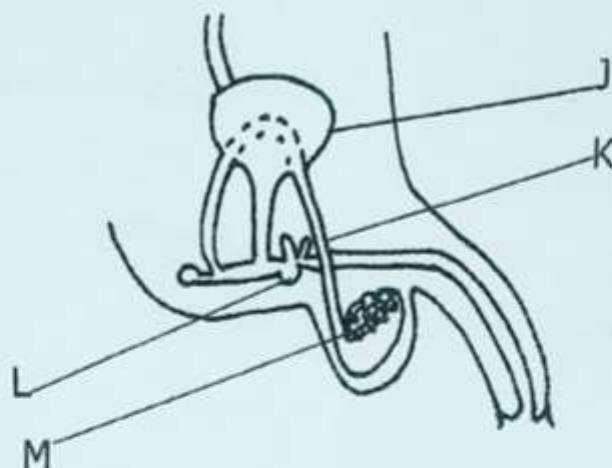
ii) _____

b) Identify any two signs with the **AIDS** patient.

i) _____

ii) _____

48. The diagram below shows a male reproductive organ. Use it to answer the questions that follow



a) Name the part marked by **L** and **K**

- i) L _____
- ii) K _____

b) Give the function of the parts labelled **J** and **M**

- i) J _____
- ii) M _____

49. Kagezi mixed salt with sand. In only four sentences explain how Kagezi would recover his salt from sand.

- i) _____
- ii) _____
- iii) _____
- iv) _____

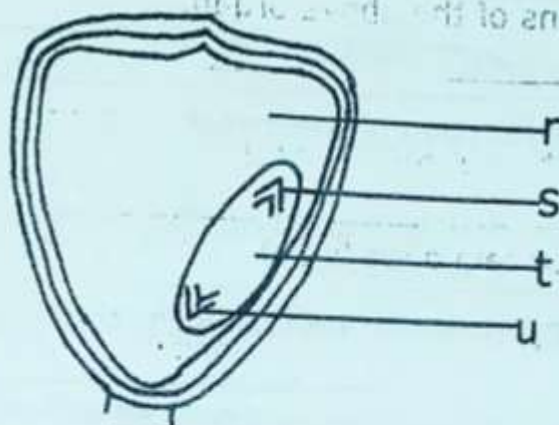
50. Give any two ways of keeping essential drugs safe.

- i) _____
- ii) _____

b) State any two qualities of essential drugs in Uganda

- i) _____
- ii) _____

51. The diagram below shows a maize seed. Use it to answer questions that follow.



- a) Name the parts marked by **r** and **t**.
- i) **r**: _____
- ii) **t**: _____
- b) Give the functions of the parts labelled **s** and **u**
- i) **s**: _____
- ii) **u**: _____
52. Below is a list of vertebrate animals. Use it for answering the questions that follow
- Salamander
 - Bat
 - Turkey
 - Lizard
 - Newt
 - Dove
 - Gueko
 - Rabbit

Study the above given names of animals and place them correctly under their classes below

- i) Mammals: _____
- ii) Amphibians; _____
- iii) Birds ; _____
- iv) Reptiles; _____

53. The skin is an organ with the largest surface area in man.

a) Give two functions of the above organ.

i) _____

ii) _____

b) What is the function of the sweat duct?

c) How can you maintain good health of the skin?

54. a) Mention any one device that uses electricity at home?

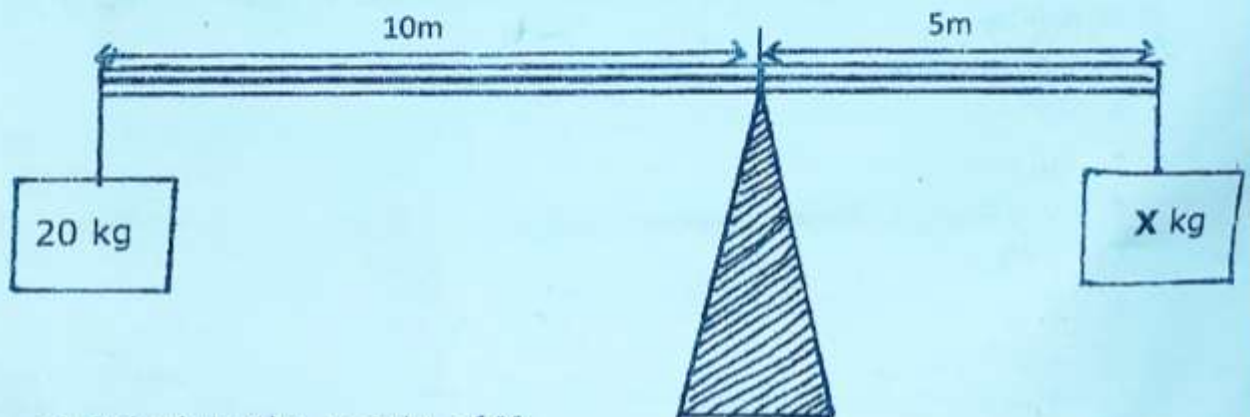
b) Why are live electricity wires insulated with rubber materials?

c) Identify any two causes of a short circuit.

i) _____

ii) _____

55. The diagram below shows a lever which is balanced. Use it to answer the question that follows.



a) Calculate the weight of **X**.

-END-