



**LUWEERO DISTRICT ACADEMIC BOARD**  
**PRIMARY SEVEN TRIAL TEST 2024**  
**INTEGRATED SCIENCE**

*Time Allowed: 2 Hours 15 Minutes*

EMIS NO.						PERSONAL NO.		

**Pupil's Name**.....

**School Name**.....

**Pupil's Signature**.....

***Read the following instructions carefully.***

1. The paper has two sections A and B
2. Section A has 40 short questions (40marks)
3. Section B has 15 questions. (60marks)
4. All answers to questions in both section A and B must be written in the spaces provided below.
5. All answers must be written in blue or black ink.
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 box labeled "FOR EXAMINERS' USE ONLY".

FOR EXAMINERS' USE ONLY		
NO.	MARKS	INITIAL
1 - 10		
11 - 20		
21 - 30		
31- 40		
41 - 43		
44 - 66		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

**TURN OVER**

## SECTION A

1. Name any **one** livestock kept in Uganda.

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.....

2. Identify any **one** type of weather which requires the use of an umbrella.

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3. How does a bee and bean plant benefit from each other?

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4. How can you help a weak fisherman to make his fish stay longer without rotting?

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5. Which human food is got from cotton seeds?

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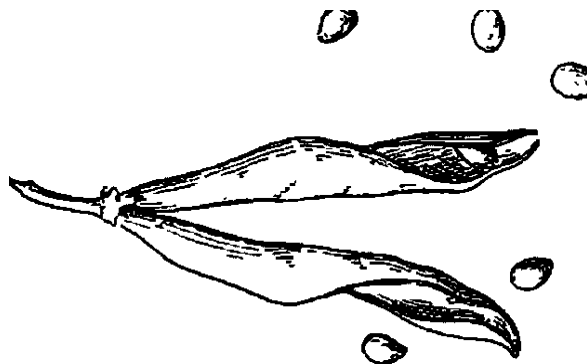
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6. In which way is melanin in the skin useful to people?

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7. Give an example of a plant which is dispersed through the method below.



8. Identify the method of seed dispersal shown above.

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9. Why is it dangerous to eat under cooked pork?

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10. James' torch use 5 dry cells to light. Calculate the voltage of James' torch

11. Write any **one** advantage of fencing animal farm to farmers.

12. Apart from a measuring cylinder, name any other instrument used in measurement of volume of irregular objects.

13. Which form of energy enables plants to make starch?

14. Give any **one** advantage of reading medical instructions before using a drug.

15. Give any **one** property of floating objects.

16. Why is it important to teach children oral and dental health care?

17. Apart from a watch, name any one other device at home that uses dry cells.

18. How can you help a farmer to improve the fertility of his land?

19. Mention any **one** material used for building a permanent house.

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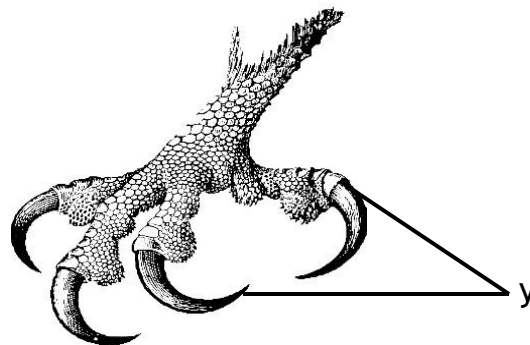
20. Why would you encourage all people at home to use an insecticide treated mosquito net?

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The diagram below shows a leg of a bird. Use it to answer question 21 and 22.



21. Name the kind of food that the above feeds on.

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22. How are the structures labelled Y useful to such birds?

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23. How is a cat of help to a crop farmer?

.....

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24. State **one** use of water at school.

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25. What action can you take to help a child who has an insect in the ear?

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26. Name the mineral nutrients responsible for the formation of haemoglobin in blood.

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.....

27. Identify any **one** health problem which is associated with population increase.

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28. Apart from being used as food, write any other use of seeds to people.

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29. In which way is the function of muscles similar to the one of joints in the body?

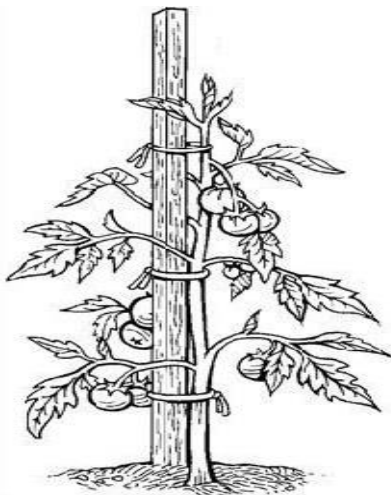
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30. Give any **one** use of animal cattle dung to people.

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31. The diagram below shows a farm practice. Identify this practice.



32. Name any **one** disease that can spread due to poor disposal of refuse.

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33. Why should people spread out their bedding regularly in the sunshine.

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34. Why is it important for a community to clean their water sources regularly?

.....  
.....

35. Which part of the human alimentary canal produces hydrochloric acid?

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36. Draw a diagram of an example of a wedge in the space below.

37. Name the process in plants which is similar to sweating in people.

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38. Give any **one** disadvantage of refraction of light to people.

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.....

39. State any **one** advantage of using electricity for cooking.

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.....

40. What advise would you give to breast feeding mother for her to produce more milk for her baby?

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## SECTION B

41. (a) Match the following types of joints with their location in the body correctly.

A

Gliding joints  
Pivot joints  
Ball and socket joints  
Hinge joint

B

elbow and knee  
wrist and ankle  
at the neck  
shoulder and hips

- (i) Gliding joints.....
- (ii) Pivot joints.....
- (iii) Ball and socket joints.....
- (iv) Hinge joint.....

42. (a) Which part of the following crops can be used for producing alcohol?

- (i) Millet.....
- (ii) Cassava.....
- (b) Name the fungus which is used in the production of alcohol.

.....

.....

- (c) Apart from Waragi, give any other example of an alcoholic drink.

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43. (a) Write any **one** example of each of the following.

- (i) Solute .....
- (ii) Solvent .....
- (b) How can you separate a mixture of beans and stones?

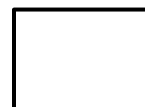
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- (c) Give a method of separating mixtures used when getting juice from passion fruits.

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44. (a) Mention any **one** way of preparing cassava for food.

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(b) Name any **two** examples of food stuffs got from plants that are rich in proteins.

(i) .....

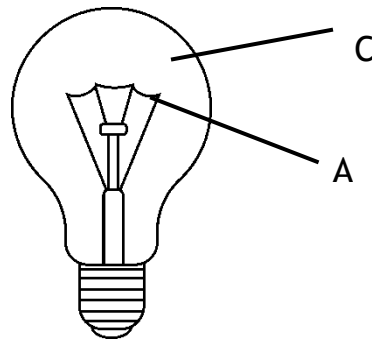
(ii) .....

(c) Why are we advised to serve food from clean containers?

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45. The diagram below is of an electric bulb. Use it to answer questions that follow.



(a) Name the part labelled A.

.....

(b) Why is part marked with letter A coiled?

.....

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(c) What is the use of gas found in part marked C?

.....

.....

(d) What energy changes take place when an electric bulb is in use?

.....

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46. (a) Name the second stage in the life cycle of a cockroach.

.....

(b) State any **one** disease spread by cockroaches to people.

.....



- (c) How can you help family members to reduce cockroach infestation in a home?
- (i) .....
- (ii) .....



47. Use the list of items below to answer the questions that follow.

Goat	Wind	Coal	Sisal	Petroleum
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- (a) Name any **two** items above that belong to renewable resources.
- (i) .....
- (ii) .....
- (b) Identify **one** item that is a fossil fuel.
- .....
- (c) Apart from providing meat, give any one other product provided by the goat.
- .....
48. (a) What type of birds do farmers keep for the following purposes?
- (i) Meat production .....
- (ii) Egg production.....
- (b) Give **one** disadvantage of keeping poultry birds under free range system.
- .....
- .....
- (c) Write any **one** advantage of keeping records in a poultry farm.
- .....
- .....
49. (a) Write **one** way through which HIV and AIDS can be spread from an infected person to health person.
- .....
- .....
- (b) State any **one** effect of HIV and AIDS to the community.
- .....
- .....

(c) Why should children be taught about HIV and AIDS?

.....  
.....

(d) Give **one** way of caring for a person with HIV and AIDS.

.....  
.....



50. Re-arrange the following steps of making ORS in their correct order.

(i) Measure one litre of drinking water in a clean container.

(ii) Stir the mixture and taste before it is given to the patients.

(iii) Measure eight levelled tea spoonful of sugar and one levelled tea spoonful of salt in the container.

(iv) Wash your hands with clean water and soap.

(i) .....  
.....

(ii) .....  
.....

(iii) .....  
.....

(iv) .....  
.....

51. (a) Identify any **two** objects that produce light of their own.

(i) .....

(ii) .....

(b) Give **two** uses of light in the environment.

(i) .....

(ii) .....

52. (a) Mention any one condition for rusting to occur in metallic materials.

.....

.....

(b) Why is rusting regarded as a chemical change?

.....

.....

(c) How can you protect metallic materials from rusting?

(i) .....

(i) .....



53. (a) State the importance of stomata on the plant leaf.

.....

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(b) Give the **two** types of venation in plant leaves.

(i) .....

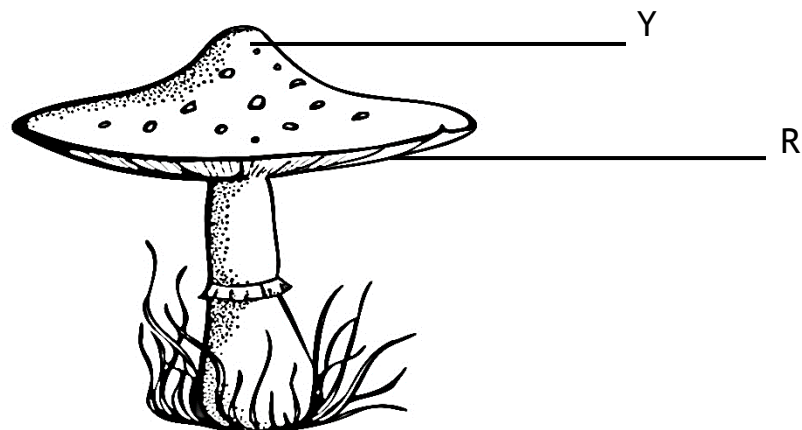
(ii) .....

(c) Why do some plants shed their leaves in dry seasons?

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54. The diagram below shows a mushroom. Study it and answer the questions which follow.



(a) Name part labelled Y

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- (b) Of what use are structures marked R to mushrooms.  
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- (c) How do mushrooms feed?  
.....  
.....
- (d) How do people benefit from growing mushrooms?  
.....  
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55. The table below shows characteristics of different types of soil. Use it to answer the questions below.

A	B	C
- Dark in colour	- Coarse or rough	- Sticky or slippery when it rains
- Has a lot of humus.	- Large air spaces	- Water logged.
- Has silt	- Highly aerated	- Has finest soil particles
	- Has bigger particles	

- (a) Identify the type of soil at A and C.
- (i) A .....
- (ii) C .....
- (b) Which soil sample would you use for the following?
- (i) Making pots .....
- (ii) Filtering muddy water .....

