

MAKINDYE SSABAGABO MUNICIPALITY
PRIMARY LEAVING MOCK
2025
INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

INDEX No:

Random No.						Personal No.		

Candidate's Name : _____

Candidate's Signature : _____

School Name : _____

Division : _____

Read the following instructions carefully:

1. Do not write **school** or **district name** anywhere on this paper.
2. This paper has two sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will not be marked.
5. Unnecessary **changes** in your work and handwriting that cannot easily be read may lead to **loss of marks**.
6. Do not fill anything in the boxes indicated:
"For examiners' use only."

FOR EXAMINERS' USE ONLY		
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: 40 MARKS

Questions 1 to 40 carry **one mark** each

1. Name any **one** feature of a VIP latrine.

.....

2. Give any **one** way in which lightning affects the environment.

.....

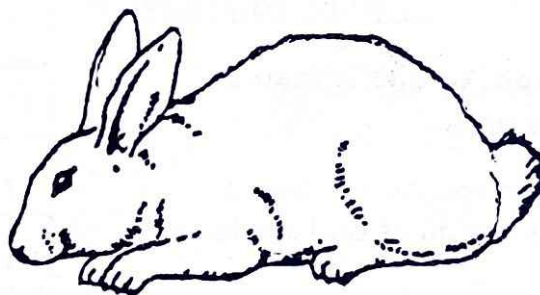
3. State the function of blood plasma during the process of respiration.

.....

4. Name any **one** energy resource got from water.

.....

The diagram below is of a mammal. Study and use it to answer questions 5 and 6.



5. Identify the meat got from the animal shown in the diagram.

.....

6. State the group of mammals to which the animal belongs.

.....

7. Mention any **one** method used to prepare a simple dish at home.

.....

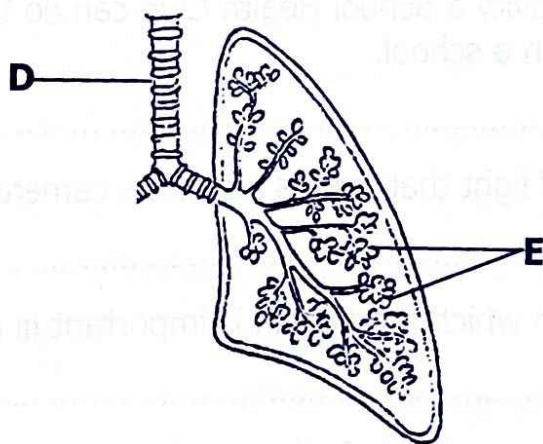
8. State **one** way in which earthworms help in the aeration of soil.

.....

.....

9. Give the reason why a person suffering from tuberculosis loses body weight.
.....
10. Mention one way in which physical exercises among poultry can be promoted.
.....
11. State the reason why people urinate frequently during rainy weather
.....
12. Give any one way in which you can reduce polythene bags in the environment.
.....
13. Mention one function of a razorblade when promoting personal hygiene.
.....
14. Give any one in which decomposition is important in our daily life.
.....
15. State any one reason why bigger vehicles like buses are made with larger steering wheels.
.....

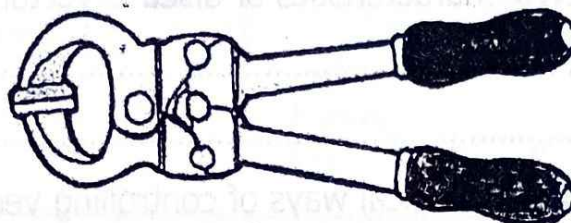
The diagram below shows a human body organ. Study and use it to answer questions 16 and 17.



16. Name the part labelled D.
.....
17. Give the function of the part labelled E.
.....

18. Identify any **one** characteristic of tuber crops.
.....
19. State any **one** advantage of drug prescription to a patient.
.....
20. Mention any **one** advantage of using modern beehives.
.....
21. Name the disease in the skeletal system where bones become brittle and weak.
.....
22. State the reason why it is easier to transport 1kg of iron nails than 1kg of feathers.
.....
23. State **one** way in which branding is important in cattle management.
.....
24. Name the element of Primary Health Care which promotes child spacing.
.....
25. Give any **one** condition necessary for rusting to take place.
.....
26. Mention any **one** activity a School Health Club can do to control the outbreak of cholera in a school.
.....
27. State the property of light that makes a pinhole camera to work.
.....
28. State any **one** way in which food chain is important in the environment.
.....
29. Give **one** reason why we should bathe regularly using soap.
.....
30. Mention **one** way in which the function of gills in mushrooms is different from that of gills in fish.
.....
31. Give any **one** advantage of using a thermos flask to the environment.
.....

The diagram below shows a farm tool used in castrating goats. Study and use it to answer questions **32** and **33**.



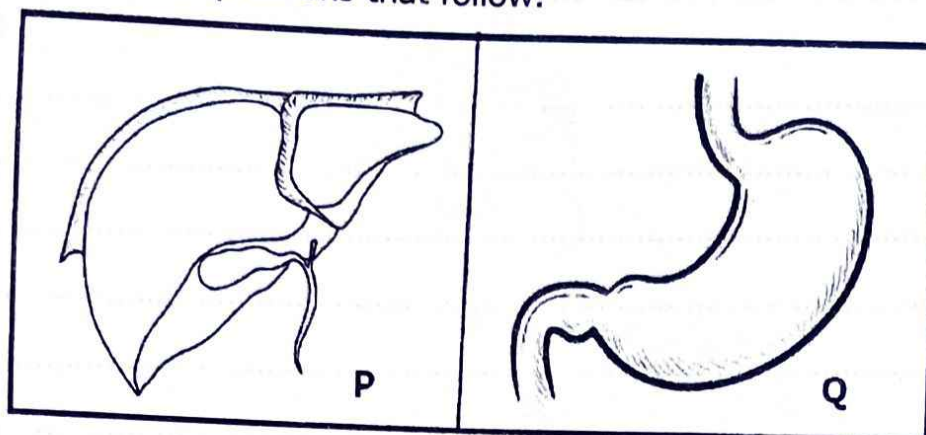
32. Identify the farm tool shown above.
.....
33. State the method of castration that requires the use of the farm tool above.
.....
34. Give any **one** example of a primary sex characteristic in male adolescents.
.....
35. Name the immunisable bacterial disease which is spread through drinking unboiled milk from a cow.
.....
36. State **one** way in which the pitch of sound produced by a whistle can be varied.
.....
37. State any **one** way of conserving coal as a resource in the environment.
.....
38. Mention **one** reason why you are encouraged to comb your hair every day.
.....
39. Mention any **one** temporary method of making magnets at home.
.....
40. Give any **one** reason why crop farmers keep farm records.
.....

SECTION B: 60 MARKS

Questions **41** to **55** carry **four** marks each.

41. (a) Name the skin disease caused by itch mites.
.....
- (b) State any **two** characteristics of disease vectors.
(i)
(ii)
- (c) State any **one** biological ways of controlling vectors at home.
.....
42. (a) Name the deficiency disease that results from **starvation**.
.....
- (b) Explain why children in areas affected by natural disasters suffer from starvation. (02 marks)
.....
.....
.....
- (c) Apart from natural disasters, mention any **one** other cause of starvation among children.
.....
43. (a) Name the crop growing practice that provides support to crops.
.....
- (b) State the reason why harvesting of crops is done during dry season.
.....
- (c) Mention any **two** methods of harvesting crops.
(i)
(ii)

44. The diagrams below show organs of the digestive system. Study and use them to answer the questions that follow.



- (a) Name the body organ marked **Q**.

.....

- (b) Give **one** function of the organs marked **P** and **Q** during digestion.

(i) **P**:

(ii) **Q**:

- (c) Identify any **one** disease that affects the digestive organ marked **P**.

.....

45. The table below shows methods of preparing water for use at home and the way in which each is done. Complete the table correctly.

Method	How it is done
.....	Heating water in a saucepan to kill germs.
Decantation	
.....	Removing solid impurities from water.
Chlorination	

46. (a) Give the meaning of the term **electric circuit**.

.....

.....

- (b) You are provided with the following items; **2 dry cells, a bulb and conducting wire**.

Describe how you can use the items to make a simple electric circuit.
(03 marks)

.....

.....

.....

.....

.....

.....

47. (a) Apart from charcoal, mention any **two** other examples of fuel got from wood.

(i)

(ii)

(b) Give a reason why charcoal is burnt under the limited supply of oxygen.

.....

(c) State any **one** disadvantage of using charcoal to the environment.

.....

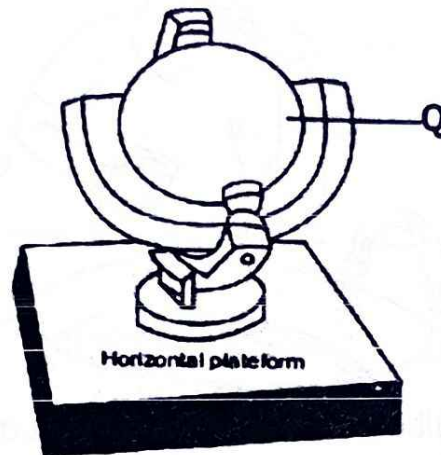
48. The diagram below shows a person carrying out a health habit. Study and use it to answer the questions that follow.



- (a) Identify the health habit the girl shown above is practicing.
.....
- (b) Give any **two** reasons why the girl is practicing the health habit above.
(i)
(ii)
- (c) Apart from water and toothbrush, name any **one** other material that can be used when practicing the health habit above.
.....
49. (a) Name the part of the human ear that;
(i) Amplifies sound vibrations:
(ii) Sends signals to the brain:
- (b) State any **two** ways of caring for the human ear.
(i)
(ii)
50. (a) State the name given to animals that live in water all their life.
.....
- (b) Give any **two** ways in which animals are useful to people.
(i)
(ii)

- (C) State any **one** activity that protects the life of animals.

51. The diagram below shows a weather instrument. Study and use it to answer the questions that follow.



- (a) Name the weather instrument shown above.
- (b) Identify the element of weather that requires the use of the above weather instrument.
- (c) State the role of the part marked **Q** on the weather instrument above.
- (d) Give the reason why the above weather instrument should be placed in an open place.

52. (a) Give the meaning of the term **immunisation**.

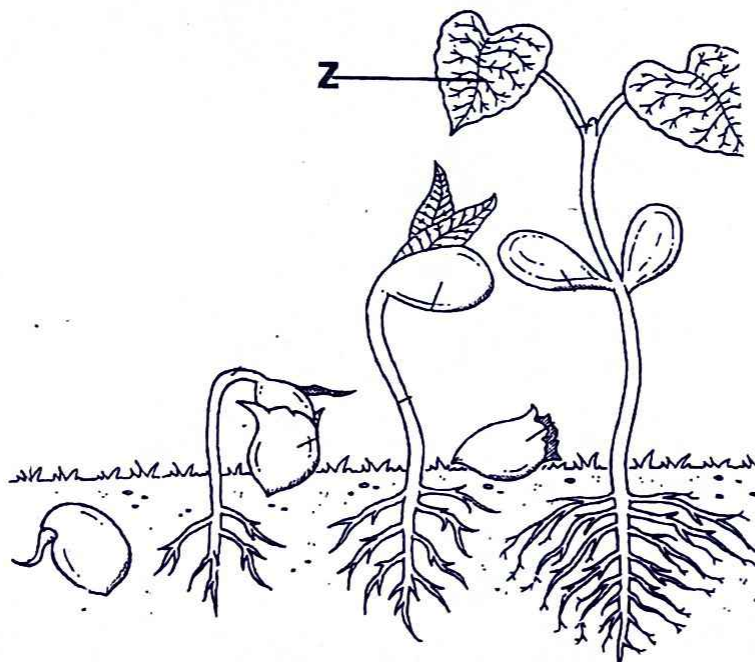
- (b) Mention **two** methods of immunisation.

(i)

(ii)

- (c) State **one** reason why immunization is free of charge in Uganda.

53. (a) Give any **two** examples of reversible physical changes.
- (i)
- (ii)
- (b) Mention any **two** disadvantages of chemical changes.
- (i)
- (ii)
54. (a) Name any **two** bones that make the joint at the shoulder.
- (i)
- (ii)
- (b) State any **one** function of bones in the human body.
-
- (c) State any **one** practice that keeps bones in their healthy working conditions.
-
55. The diagram below shows stages of germination. Study it and answer the questions that follow.



- (a) Identify the type of germination shown above.
-
- (b) Give the function of the part marked **Z** to the seedling.
-

(c) Give any **two** examples of seeds that undergo the type of germination shown above

(i)

(ii)

