



THE HIGHWAY EXAMINATIONS

BEGINNING OF TERM II EXAMINATION

PRIMARY SIX

2025

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Pupil's Name:

School Name:

Read the following instructions carefully:

1. Do not write your **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. The paper has **15 printed pages** altogether.
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 other than drawing will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss** of marks.
6. Do not fill anything in the table indicated **"FOR EXAMINERS' USE ONLY"** and in the boxes inside the question paper.

FOR EXAMINER'S 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		

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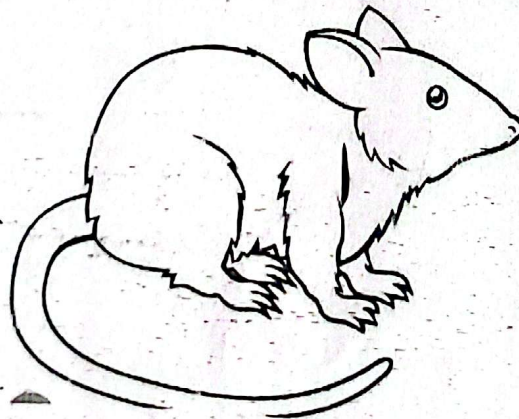
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SECTION A

Answer **all** questions in this section.
Questions **1 to 20** carry two marks each.

1. Name any **one** type of roots
.....
2. Give any **one** reason why sand soil is not suitable for growing crops.
.....
3. State any **one** function of the brain in the human body
.....
4. Name any **one** agent of pollination.
.....

The diagram below shows an animal in the group of mammals. study and use it to answer questions **5** and **6**.



5. Name the group of mammals to which the animal belongs.
.....
6. State any **one** characteristic common to the above animal.
.....

7. Mention any **one** place where crops can be stored.

.....

8. State the basic process of soil formation.

.....

9. Give any **one** reason why the government of Uganda encourages immunisation of children.

.....

10. Mention any one way of controlling parasites in rabbits.

.....



11. State a reason why bees are said to undergo complete metamorphosis.

.....

12. Give any **one** way of caring for the human ear

.....

13. Mention any **one** example of stem tubers

.....

14. State any **one** reason why harvesting of honey should be done during day time

.....

15. Mention any **one** example of local breeds of chicken kept in your community.

.....

The diagram below shows a foot suffering from a disease. Use it to answer questions **16** and **17**.



16. Identify the disease on the skin that affects the foot shown in diagram above.
-
17. Name the germ that causes the skin disease shown by the foot above.
-
18. Give any **one** example of body changes that needs to be managed.
-
19. State any **one** danger of taking drug over dose to the body.
-
20. State any **one** way of minimizing heat loss.
-

21. Name any **one** cause of fracture among people in the community.

.....

22. State the reason why displacement method is used when finding the volume of a stone.

.....

23. Give any **one** effect of chemical change in the environment.

.....

24. Name the element of primary Health Care which promotes family planning matters.

.....

25. Mention any **one** body part checked on school health parade

.....

26. State any **one** property of matter

.....

27. State any **one** danger of soil erosion to the environment.

.....

28. Give **one** reason why we should regularly wash our hands with soap after visiting the latrine.

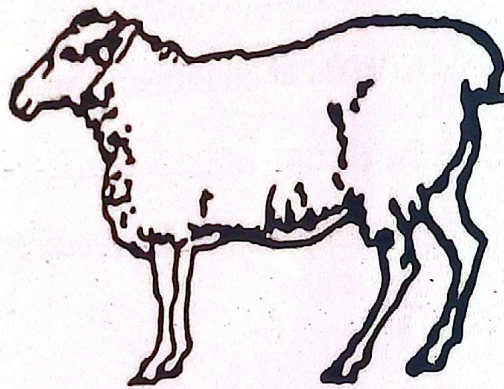
.....

29. Mention any **one** way in which human ears are similar to antennae of insect.

.....

30. Give any **one** disease and disorder of the teeth.

The diagram below shows a farm practice done in sheep rearing. Study and use it to answer the questions 31 and:



31. Identify the farm practice in the diagram above.

32. State any **one** reason why the above farm practice is carried out.

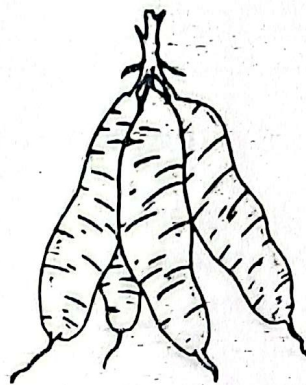
33. Give a reason why breast milk is considered to be the best food for babies.

34. Name the immunisable bacterial disease which is spread through cuts and wounds.

35. State any **one** condition necessary for a seed to germinate.

36. Name any **one** exotic breeds of cattle kept in Uganda.

The diagram below shows the staple food eaten by people in Uganda. Study and use it to answer questions **37** and **38**.



37. Name the staple food shown above

38. Mention **one** food value mainly found in the staple food above.

39. Mention any **one** characteristic of wind pollinated flowers

40. state any **one** way in which vectors spread diseases to humans.

SECTION B

Question **41** to **55** carry four marks each

41. (a) Apart from a toad, name any one other example of amphibians.

.....

- (b). State any **one** way in which the Jelly is important to the eggs of amphibians.

.....

- (c). Explain any **one** way in which amphibians are adapted to living in water. (2 marks)

.....

.....

42. (a) Name any **one** class of food.

.....

- (b). Give **two** ways in which proteins are useful to adults.

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

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

- (c). State the cause of marasmus in children.

.....

43. (a) Name any **two** examples of garden tools.

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

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

(b) State one way in which a trowel is useful to farmers.

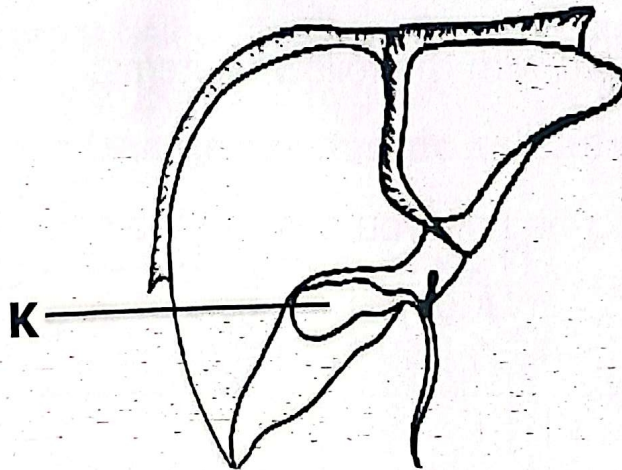
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(c). Mention any one disadvantage of mulching.

.....



44. The diagram below shows part of the digestive system.
Use it to answer the questions that follow.



a) Name the part of the digestive system above.

.....

b) State the role of the above in the digestion of food.

.....

c) State the function of part marked K.

.....

d) Give any **one** health habit that helps to improve the efficiency of the digestive system

.....

45. The table below shows immunisable diseases vaccine and way of administration. Study and complete it correctly.

Immunisable disease	Vaccine given	Way of administration
Tuberculosis	_____	injection
_____	Dpt vaccine	injection
Pneumonia	_____	injection
Polio	Polio vaccine	_____

46. You are provided with the following items:

Water, An irregular object, string and measuring cylinder. Describe how you can use the items to find the volume of an irregular object.

(i) _____

(ii) _____

(iii) _____

(iv) _____



47. a) Mention any **two** organisms that live in the soil.

(i)

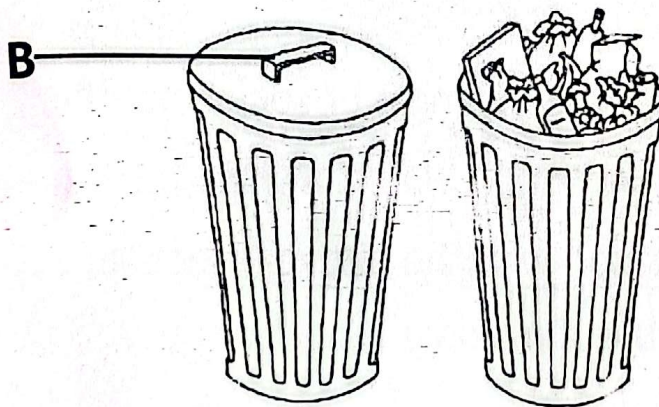
(ii)

b) State any **two** ways in which organisms are important in the soil.

(i)

(ii)

48. The diagram below shows an items commonly used in a community to promote hygiene. Use it to answer questions that follow.



(a). Name the items shown above.

.....

(b) State the importance of the above items in the community.

.....

(c) Name part marked **B**.

.....

(d) Identify the function of part **B** in the above.

.....

19. (a) Mention any **one** example of wind musical instrument.

.....

(b) Give a reason why drums are put in sunshine before playing them.

.....

(c) Name any **two** methods of storing sound.

(i)

(ii)



(a). State any **one** example of social insects.

.....

b). Give a reason why the above insects are called social insects.

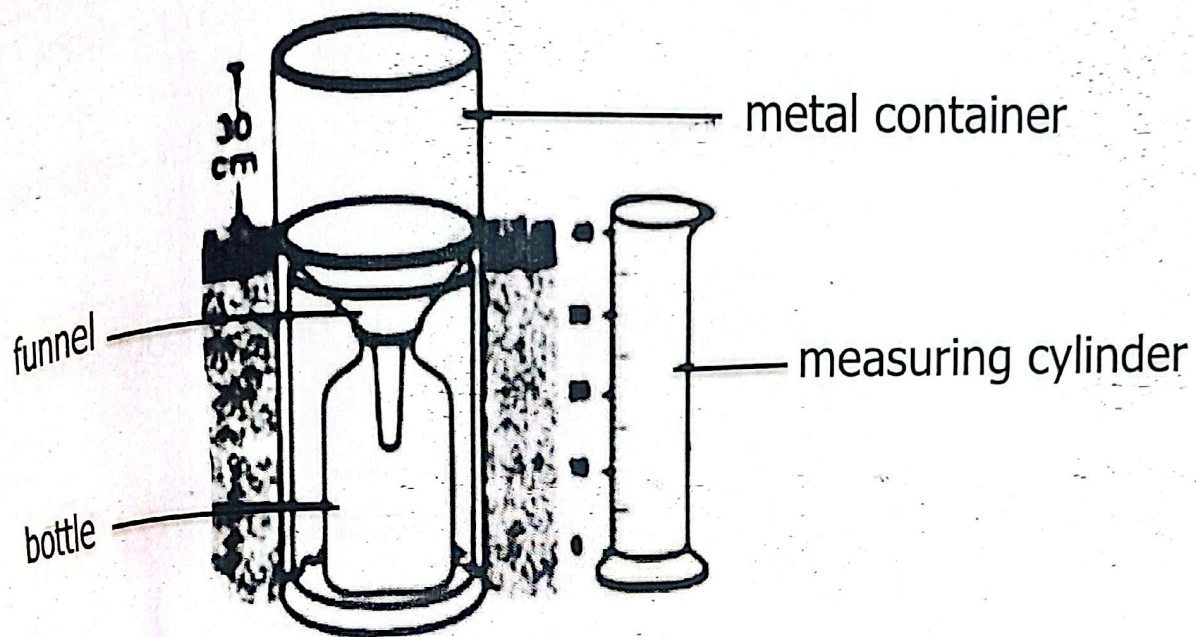
.....

C). Apart from Mason bees, state any two other example of solitary bees

(i)

(ii)

1. 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) State **one** way in which the above weather instrument is useful at the weather station.
-
- c) Give a reason why the above weather instrument is put 30cm above the ground.
-
- d) State the function of metal container.
-

52. (a) State the meaning of the term essential drugs.

.....
.....

(b). Mention any **one** characteristic of essential drugs.

.....

(c). State any **one** danger of buying essential drugs from local shops.

.....

(d). Give a reason why drugs should be kept out of reach of children.

.....

53. (a) State any **two** factors that affect the rate of evaporation.

(i).....

(ii)

(b) Give any **one** way in which the following physical processes are important in nature.

(i) Evaporation.

.....

(ii) Freezing.

.....

1. (a) Mention any **two** components of the circulatory system.

(i)

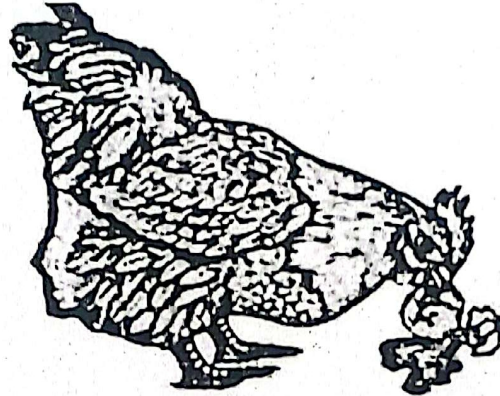
(ii)

(b) State any **one** way of increasing the volume of blood in the human body.

.....

- (c) State the importance of doing regular physical exercise to the circulatory system.
-

The diagram below shows vice commonly found in domestic birds. Study and use it to answer questions that follow.



- (a) Name the vice in domestic birds shown above.
-
- (b) Give **one** cause of form of vice above in domestic birds.
-
- (c) State any **one** sign and symptom of the above form of vice in domestic birds.
-
- (d) Identify any **one** way of controlling the above form of vice in domestic birds.
-



END