



KAMPALA CITY EXAMINATIONS BOARD

SUPER SET THREE

2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15minutes

Random No.						Personal No.		

Candidates' name:

Candidates' signature:

District ID No.

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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 **16 printed pages**.
3. Answer **all** the questions. **All** the answers for both sections **A** and **B** must be shown in the spaces provided.
4. **All** the answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than drawings 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 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		

Official lines: 0743049694 0770744391 @ city exams

SECTION A:40MARKS

*Answer **all** questions in this section*

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

1. Name the weather instrument used to measure and record humidity of a given place.

.....

2. State **one** reason why farmers should always keep rabbit houses clean.

.....

3. State **one** way in which ectoparasites can be controlled in cattle.

.....

4. Mention the step in cleaning clothes that removes excess water from the clothes.

.....

5. Name the school assembly organised to check on hygiene of pupils in a school.

.....

6. State any **one** danger of using bleaching jelly like chemicals on the human skin.

.....

7. Apart from cross pollination, name **one** other type of pollination.

.....

8. Identify the tick borne disease which makes the animals walk in circles.

.....

The diagram below shows an instrument used by a store keeper in a school. Study and use it to answer questions **9** and **10**.



9. Name the instrument drawn above.

.....

10. Give **one** way a store keeper uses the above instrument in a school.

.....



11. Give the similarity between sandpaper and grease in terms of function.

.....

12. State any **one** reason why farmers heap fertile soil on the tuber crop stems.

.....

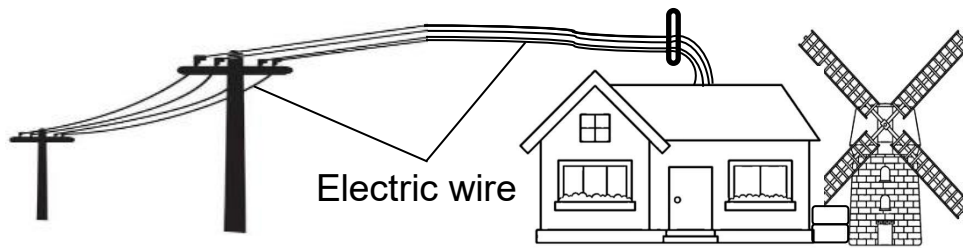
13. Name any **one** component of soil.

.....

14. Apart from mammals, name one other group of warm blooded vertebrates.

.....

The diagram below shows how electricity is produce. Study and use it to answer the questions **15** and **16**.



15. Name the source of kinetic energy used to produce the electricity shown above.

.....

16. Apart from producing electricity, state one other importance of the above type of electricity to people.

.....

17. State **one** importance of a dustbin in a classroom.

.....

18. State the importance of water during seed germination.

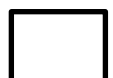
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19. Give any **one** example of a plant with compound trifoliate leaves.

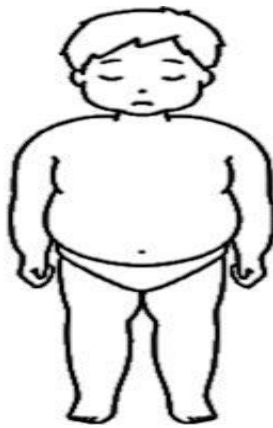
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20. Name the insect vector that spreads nagana to livestock.

.....



The diagram below shows a certain health condition. Study and use it to answer question **21** and **22**.



21. Identify the health condition shown above.

.....

22. State any one health lifestyle that causes the above condition.

.....

23. Identify the part of a tapeworm which serves the same function as the hooks.

.....

24. State the of sugar in oral rehydration solution to a dehydrated person.

.....

Study the diagram below carefully and use it to answer question **25** and **26**.



25. Identify the property of air shown above.
.....
26. State any **one** way the above property of air is applied in our daily life.
.....
27. State the reason why a person bitten by a snake should not be allowed to walk.
.....
28. In which way is breast milk important to the health of the baby?
.....
29. Identify the digestive juice produced in the mouth.
.....
30. State any **one** way of improving soil fertility.
.....
31. State **one** way in which earthworms aerate the soil.
.....
32. Give a reason why the strings of a bow harp are made of different lengths.
.....
33. Name the accident at home that can come as a result of poor disposal of used bottles.
.....
34. State the major importance of crossbreeding in cattle management.
.....



35. Name the process through which rocks are broken down to form soil.
.....
36. Apart from the diaphragm muscles, name one other muscle that aids breathing.
.....
37. Name the part of a flower that receives pollen grains during pollination.
.....
38. In which way is breathing important during the process of respiration?
.....
39. State the importance of gloves when giving first to a casualty.
.....
40. Give a reason why a drone bee dies soon after mating with a queen bee.
.....

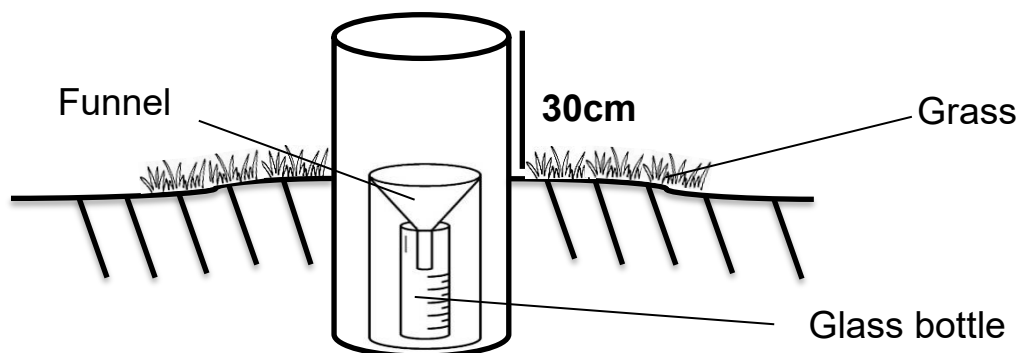


SECTION B: 60 MARKS

Answer all questions in this section

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

41. The diagram below shows a weather instrument. Use it to answer questions.



- (a) Name the weather instrument shown in the diagram above.

.....
.....

- (b) State the importance of the above weather instrument at a weather station.

.....
.....

- (c) Give a reason why the above weather instrument is;

- (i) raised 30cm above the ground

.....

- (ii) put in an open ground when using it

.....

.....

42. (a) State the reason why **HIV/AIDS** is said to be infectious.

.....

.....

(b) State the best way a P.7 pupil can avoid contracting **HIV/AIDS**.

.....

(c) Why is it easier to prevent **HIV/AIDS** than malaria?

.....

.....

(d) Give a reason why it is advisable for a married couple to go for treatment of gonorrhoea together in case they are infected?

.....

.....

43. (a) Mention **one** stomach disease caused by alcoholism.

.....

(b) Explain how alcoholism leads to poverty. (02 marks)

.....

.....

.....

(c) State **one** Ugandan law which prohibits a P.7 pupil from taking alcohol.

.....

.....



44. (a) State **one** way in which cattle farming contributes to the development of dairy industry.

.....

- (b) Apart from dairy industry, give any **one** other example of industry that uses cattle products.

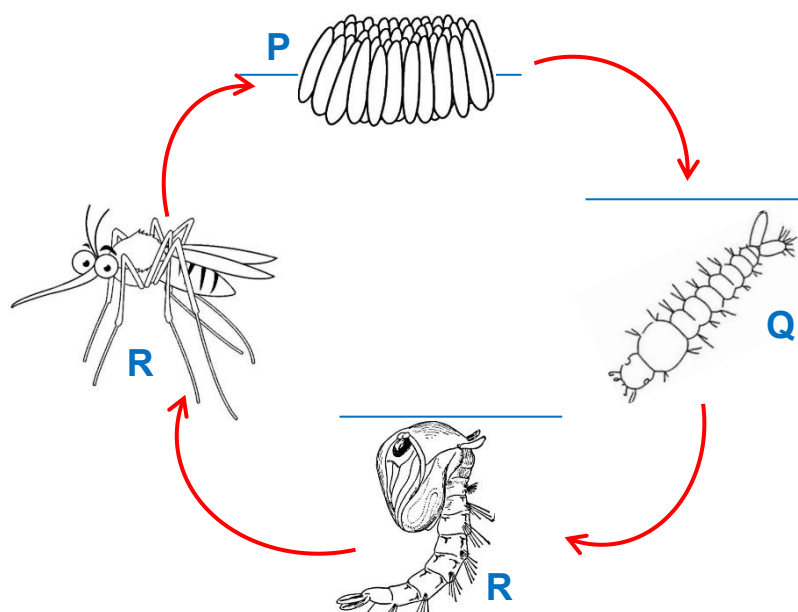
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- (c) State any **two** ways in which farmers can improve on the quality of local breeds of cattle.

(i)

(ii)

45. The diagram below shows the life cycle of a mosquito. Study it carefully and answer the questions that follow.



- (a) Identify the type of mosquito whose life cycle is shown above.

.....

- (b) Name the disease spread by the type of mosquito whose life cycle is drawn above.

.....

- (c) State the difference between stage **Q** and stage **R** in terms of their movement.

.....

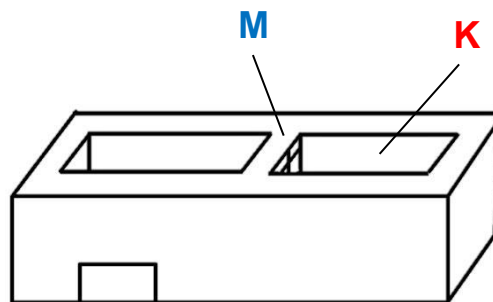
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- (d) State the difference between a mosquito and a housefly in the way they spread germs which cause diseases to people.

.....

.....

46. The diagram below shows parts of a modern beehive. Use it to answer the questions that follow.



- (a) Name the part marked **K**.

.....

- (b) State the importance of part marked **M** in the hive.

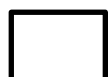
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- (c) State **one** way in which part marked **M** is adapted to its function.

.....

- (d) Give any **one** advantage of using modern beehives.

.....



47. You are provided with the following materials. metallic ball, metallic ring, source of heat. Explain in four steps to prove that metals expand when heated.

.....

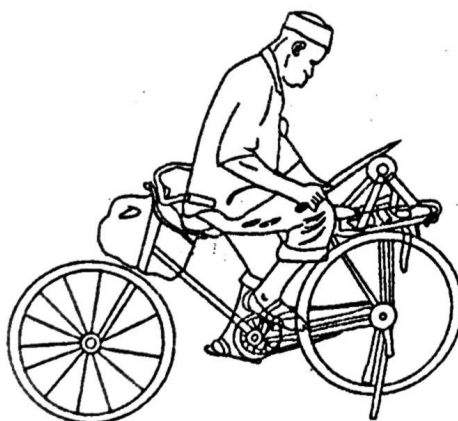
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48. The diagram below shows a person sharpening a panga. Study and use it to answer questions that follow.



- (a) Name the force that enables the person to sharpen the panga.

.....

- (b) State any **two** ways in which the force you have named in (a) above is regarded as a nuisance force.

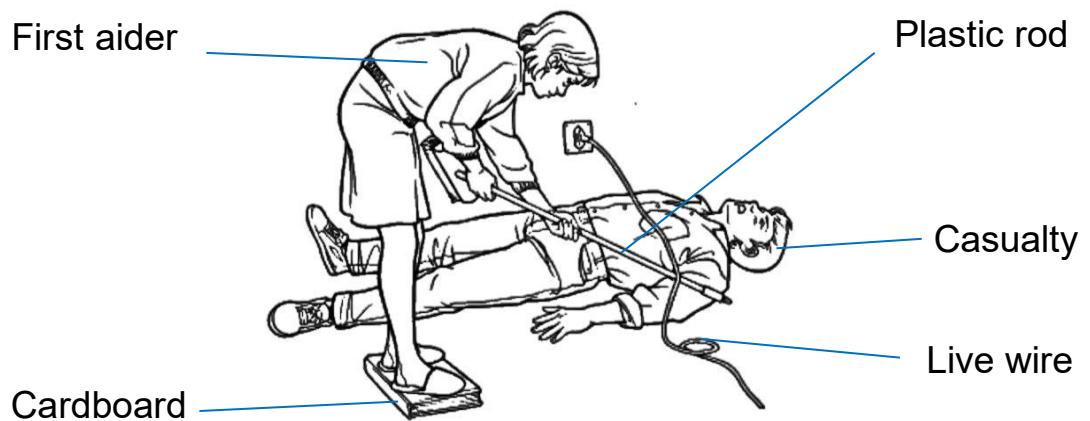
(i)

(ii)

- (c) State **one** way in which road constructors can increase the above force on roads.

.....

49. (a) Name any **two** human body organs which are protected by the skeleton.
- (i)
- (ii)
- (b) Give any **two** healthy practices that help to keep the muscular-skeletal system in a good working condition.
- (i)
- (ii)
50. The diagram below shows a certain accident. Study it carefully and use it to answer the questions that follow.



- (a) Identify the accident shown above.
-
- (b) Give a reason why the First Aider used dry wooden stick to remove live wire from the casualty.
-
- (c) State **two** measures you would take to reduce the risk of such accidents shown above.
- (i)
- (ii)

51. (a) Mention any **two** signs of egg eating among poultry birds.

(i)

(ii)

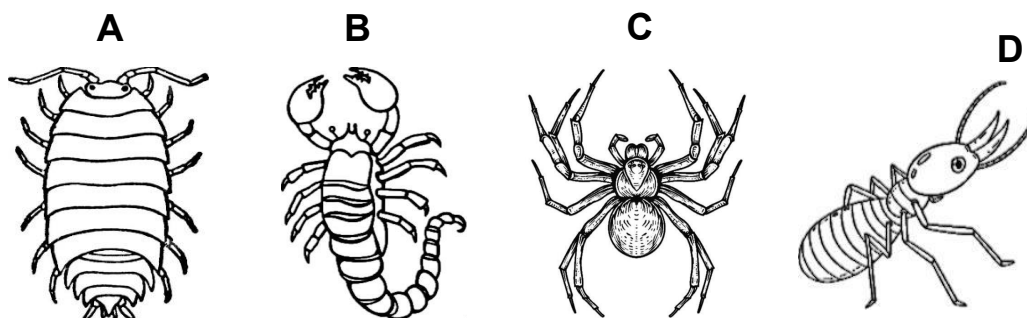
(b) State how the practice of debeaking birds helps to control eggs eating in poultry.

.....

(b) State the reason why poultry farmers leave the lower beak of a bird debeaking.

.....

52. The list below shows animals of different classes of arthropods. Study and use them to answer the questions that follow.



(a) Name the group of arthropods labelled with letter **D**.

.....

(b) Mention the **two** arthropods in the above table that belongs to the same group.

(i)

(ii)

(c) Apart from being arthropods, state **one** way animals **A**, **B** and **C** are similar.

.....

(d) Give any **one** importance of in list **B** to humans.

.....

53. (a) State any **one** characteristic of bacteria.

.....

(b) State **one** way how the following conditions favour the breeding of bacteria;

(i) warmth:

.....

(ii) moisture:.....

.....

(c) State any **one** way in which diseases caused by bacteria can be prevented.

.....

.....

54. (a) Give **one** example of an exotic breed of goats kept in Uganda.

.....

.....

(b) Mention **one** example of animal fibre obtained from goats.

.....

(c) State any **two** reasons why some farmers would prefer rearing goats to cattle.

(i)

(ii)



55. (a) Give the meaning of the term "magnetic materials".

.....

.....

.....

(b) Mention any **two** examples of non-magnetic metals.

(i)

(ii)

(c) State **one** way in which a magnet can be prevented from losing its magnetism.

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THE END