UGANDA NATIONAL EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATION

2026

INTEGRATED SCIENCE

Total mark scored	

Time Allowed: 2 hours 15 minutes

Random No.						**Personal No.**		

Candidate's Name:

Candidate's Signature:

District ID No.

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**.
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** ballpoint 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 easily read 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		

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SECTION A: 40 MARKS

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

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

1. Name the component of air that is added to the soil by leguminous plants.

.....

2. State **one** way in which bacteria are important in the treatment of sewage.

.....

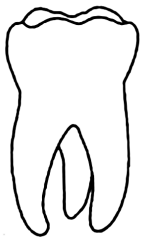
3. Mention any **one** role of a School Health Committee in promoting Primary Health Care (PHC).

.....

4. State **one** use of a clinical thermometer.

.....

The diagram below shows a type of tooth in humans. Study and use it to answer questions **5** and **6**.



5. Name the type of tooth shown in the diagram.

.....

6. State the function of the type of tooth.

.....

7. Give **one** way amphibians are important in the control of malaria.

.....

.....

8. Give the function of the septum muscle of the heart during the circulation of blood.

.....

.....

9. Apart from protecting rabbits, mention **one** other reason why a wire mesh is preferred when constructing a hutch.

.....

.....

10. State any **one** reason why you should clean your beddings regularly.

.....

.....

11. Give any **one** human practice that can be dangerous to reptiles in the environment.

.....

12. State the function of the oval window in the middle ear.

.....

.....

13. State any **one** way in which warm water is important during the extraction of honey.

.....

.....

14. State any **one** factor that determines the food consumption patterns in a community.

.....

The diagram below shows a material used in promoting sanitation. Study and use it to answer questions **15** and **16**.



15. Name the above material.

.....

16. State any **one** way the above material helps in maintaining cleanliness in our homes.

.....

.....

17. State any **one** way in which the construction of houses in swampy areas may lead to floods.

.....

.....

18. Name the type of change that takes place when milk tooth falls off in children.

.....

19. State the way in which strong heating of a magnet makes it lose its magnetism.

.....

.....

20. State any **one** danger of **not** completing a prescribed dose of drugs to a patient.

.....

21. State **one** way through which rain cleans the environment.

.....

22. Mention any **one** way the application of ice is important in giving first aid to a victim with a dislocation.

.....

.....

23. State any **one** activity the School Environment Club can do to conserve fossil fuels in the environment.

.....

24. State any **one** safety precaution that people should take when using electric appliances.

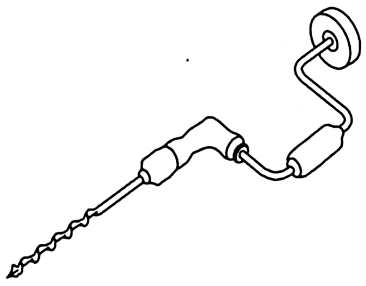
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.....

25. Give any **one** practice of conserving water at home.

.....

The diagram below is a workshop tool. Study and use it to answer questions **26** and **27**.



26. Name **one** simple machine in the above tool.

.....

27. Mention **one** way in which the above tool is useful in our daily life.

.....

28. State a reason why it is healthy **not** to completely shave off hair from the head in humans.

.....

.....

29. Give any **one** practice that can be done to reduce bad smell in a pit latrine/toilet.

.....

30. State any **one** way by which pruning increases the quality of crop yield.

.....

31. State any **one** danger of using strong chemicals in form of creams on the human skin.

.....

32. Give a reason why castration of animals should **not** be done during the rainy season.

.....

.....

33. Name the organ in the human male reproductive system that functions like the anther of a flower.

.....

34. State **one** condition which makes a seesaw to remain in balance.

.....

35. Mention any **one** way the government of Uganda can ensure that people participate in national immunisation programmes.

.....

.....

36. Give any **one** danger of refraction of light in our everyday life.

.....

.....

The diagram below shows one of the methods of controlling pests in the garden. Study and use it to answer questions **37** and **38**.



37. Name the above method of controlling pests.

.....

38. State any **one** way of using the method effectively in the control of pests.

.....

39. State any **one** function of the midrib of a leaf to a plant.

.....

.....

40. Give any **one** feature that makes the alveoli suitable for the exchange of gases in the lungs.

.....

.....

SECTION B: 60 MARKS

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

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

41. The letter below shows communication between two adolescents. Study and use it to answer the questions that follow.

Dear Rossie,
I Love you so much. Please let us meet behind the P.7 classroom when other pupils have gone home.

♡

Charlie

(a) Write any **two** reproductive health messages that you can use to advise the above adolescents.

(i) .....

(ii) .....

(b) Name any **two** school events during which reproductive health messages can be communicated to adolescents such as Rossie and Charlie.

(i) .....

(ii) .....

42. Anena grows trees and beans, and also rears cattle on the same farm.

(a) State any **one** way the;

(i) trees in Anena's farm benefit from the beans.

.....

.....

(ii) cattle in Anena's farm benefit from the trees.

.....

.....

(b) State any **two** ways in which the above agricultural practice of advantage to Anena.

.....

(i) .....

.....

(ii) .....

43. (a) State the importance of each of the following practices in soil conservation:

(i) Deep ploughing.

.....

.....

(ii) Strip cropping.

.....

.....

(b) Give any **one** property that makes loamy soil the best for crop growing.

.....

.....

(c) Give any **one** reason why farmers are encouraged to use natural fertilizers instead of artificial fertilizers.

.....

.....

44. A baby has the following signs: sunken eyes, dry lips and sunken spot on the head.

(a) Identify the health condition the baby is suffering from.

.....

(b) Mention any **two** possible causes of the signs shown by the baby.

(i) .....

(ii) .....

(c) Write down any **one** piece of advice you would give to the parents to manage the health of the baby.

.....

.....

45. The diagram below shows the process of pollination. Study and use it to answer the questions that follow.



(a) Name the type of pollination shown in the diagram above.

.....

(b) Mention any **two** characteristics of a flower that make it suitable to be pollinated by the agent shown in the diagram.

(i) .....

(ii) .....

(c) State any **one** disadvantage of the type of pollination shown above.

.....

.....

46. (a) Name the germ that causes typhoid.

.....

(b) Give any **one** sign/symptom of typhoid in humans.

.....

(c) State any **two** ways of controlling the spread of typhoid at home.

(i) .....

(ii) .....

47. (a) Name any **one** chemical used in the treatment of water.

.....

(b) State the importance of keeping water for drinking in a container with a firm lid.

.....

.....

(c) Explain why it is advisable to combine the method of boiling and filtering when preparing safe water for drinking. *(02 marks)*

.....

.....

.....

48. (a) Define **Mass**.

.....

.....

(b) An object **Y** of density 1200 kg/m^3 was placed in four different liquids **M**, **N**, **P** and **Q** at different times. The densities of the liquids are as shown in the table below.

Liquid	Density (kg/m^3)
M	850
N	2500
P	1000
Q	1300

(i) Identify any **one** liquid from the table shown above in which the object floated.

.....

(ii) Calculate the mass of the object **Y** given that its volume is 2 m^3. *(02 marks)*

49. (a) Name the gas that plants use during the process of:

(i) Photosynthesis.

.....

(ii) Respiration.

.....

(b) State any **two** ways in which the process of photosynthesis is important to animals.

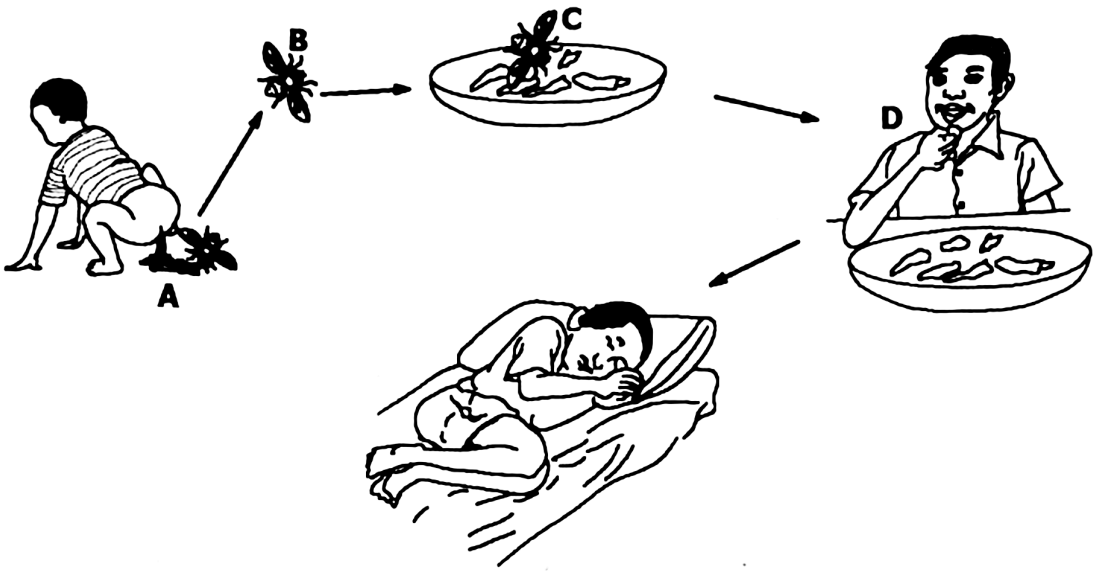
.....

(i) .....

.....

(ii) .....

50. Below is an illustration of the germ path in the spread of diarrhoeal diseases. Study and use it to answer the questions that follow.



(a) State how germs are spread at **C**.

.....

(b) Mention any **one** feature of **B** that enables it to spread the disease.

.....

(c) Give any **one** practice that can be used to control the spread of the diarrhoeal diseases at point;

(i) **A**

.....

.....

(ii) **D**

.....

.....

51. (a) Mention any **two** waste products removed by the human kidneys through urine.

(i) .....

(ii) .....

(b) State any **one** way in which drinking enough water helps in the proper functioning of the human kidneys.

.....

.....

(c) Apart from drinking enough water, mention any **one** other practice of caring for the human kidneys.

.....

.....

52. (a) Give the meaning of the term **joint** in the human body.

.....

.....

(b) Mention **one** function of flat bones in the human body.

.....

.....

(c) State any **two** ways in which cartilages are important in the human body.

(i) .....

(ii) .....

53. (a) Apart from alcoholism, mention any **two** other social practices that can increase one's risk of getting HIV/AIDS.

(i) .....

(ii) .....

(b) Explain **one** way in which alcoholism increases one's risk of getting HIV/AIDS. *(02 marks)*

.....

.....

.....

54. The diagram below represents a functioning wall clock. Study and use it to answer questions that follow.



(a) State any **two** energy changes which take place in the clock.

(i) .....

(ii) .....

(b) State any **two** conditions that may make the above clock fail to function.

(i) .....

(ii) .....

55. (a) Give the meaning of an **electric circuit**.

.....

.....

(b) Write the function of each of the following parts of an electric circuit:

(i) Battery.

.....

(ii) Conducting wire.

.....

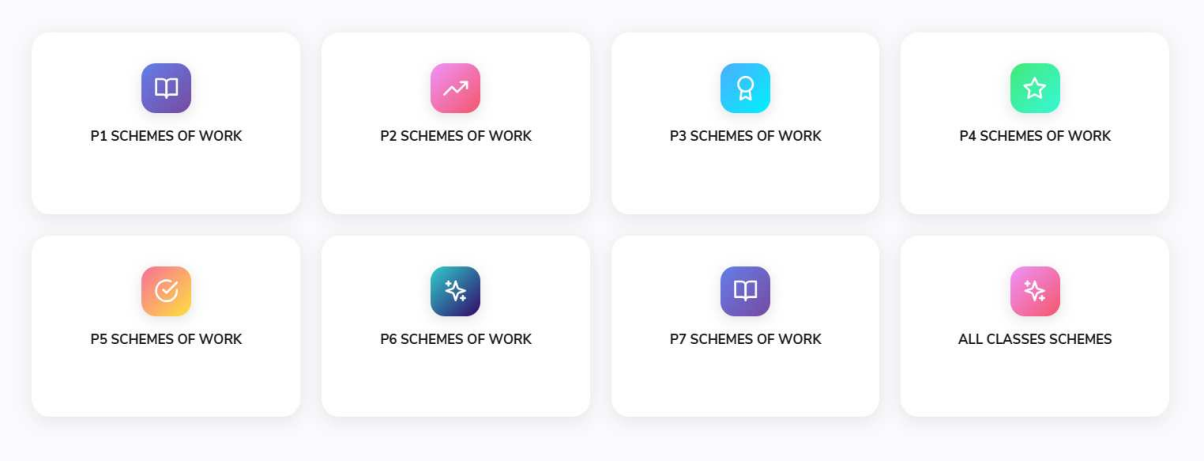
(c) State the reason why the filament of an electric bulb is always made thin and coiled.

.....

.....

END

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