

KINYARA SUGARWORKS PRIMARY SCHOOL

PRIMARY LEAVING MOCK EXAMINATION 2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes.

Index No.

Random No.

Personal No.

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Candidate's Name:

Candidate's Signature:

School Random No:

District ID:

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 **10 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 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 table indicated: "**For Examiners' Use Only**" and 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		
50-53		
54-55		
TOTAL		

SECTION A: (40 marks)

Questions 1 To 40 Carry One Mark Each

1. Name any one raw material needed for respiration to take place in the human body cells.

2. How can a P.7 pupil tell that a plant is a legume by looking at its roots?

3. State any one way human beings benefit from having excretory organs in their bodies.

4. The science teacher was totally injured in a motor accident. Why was it important for the doctor to feel the pulse (Heart beat) of the teacher?

5. The Town Clerk of Entebbe Municipality uses a paddock system on his animal Farm. Why can't his animals be easily attacked by East Coast fever?

6. **Name the property of the air that enables a barber to use aerosol spray as shown in the diagram below.**



7. What is the important of weather fore casting to the people in Bududa?

8. Name any one activity that involves collection of material that have been thrown away so that they are processed into new product.

Give the organisms below; use them to answer questions (9) Lions, Grass, Bacteria, Bush-buck

9. Re-arrange the above organisms to form a food chain.

10. The boy's uniform caught fire and he rolled on the ground several times until the fire went out. What would happen to the boy if he ran fast yelling for help?

11. Why is the government of Uganda carrying out circumcision of male and adults free of charge?

12. Name the egg-laying mammal shown below.



13. Why is the moon not regarded as a star?

14. State any one adaptation of a seed dispersed by wind.

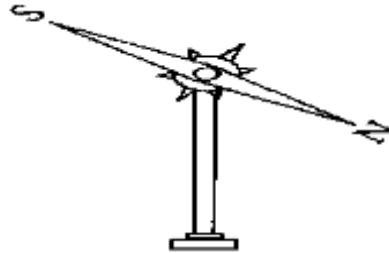
15. Which characteristics of living things that enable them to multiply and increase in number?

16. Name any one sex deviation

17. In a struggle to look for school fees for his children, Mr. Onyango burnt wood under limited supply of oxygen. Give one danger of this practice to the life of Mr. Onyango.

18. Give any one way through which convection currents help improve our environment.
-

The diagram below shows a needle magnet. Use it to answer the question that follows.



19. How does a pilot benefit from a needle magnet pivoted at the Centre of the compass in the plane?
-
20. Give any one form of pollution man does to the environment.
-
21. State any one population concern that was addressed in the recent concluded population census in Uganda.
-
22. Name any one place where near drowning can be found at our home.
-
23. What name is given to the blood vessel that carries blood with digested food from ileum to the liver?
-
24. State one advantage of alcohol over mercury as liquids commonly used in thermometer
-

25. Give one health lifestyle expected of a pregnant mother.

26. **Draw a foot of a preying bird in the space provided below.**

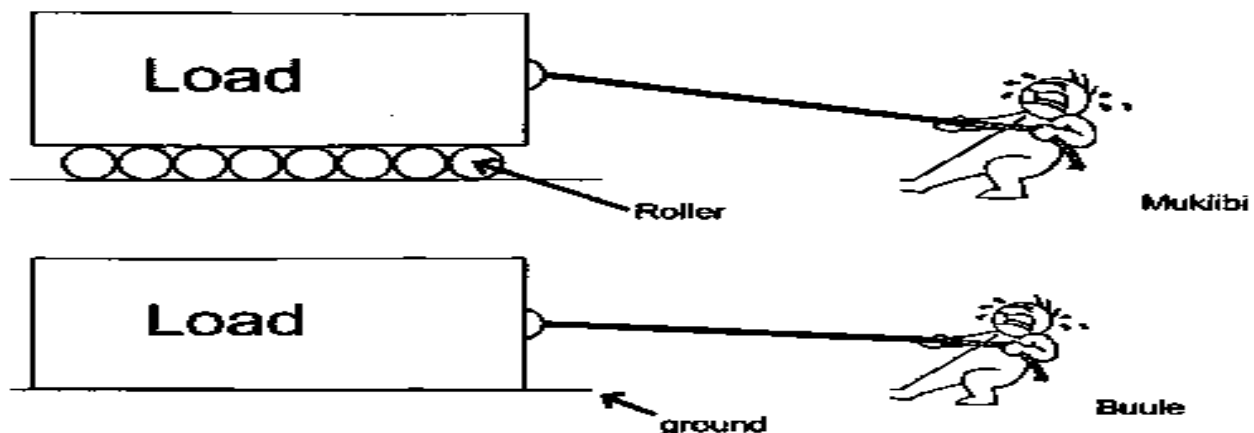


27. In which way are chemical changes similar to biological changes?

28. Why is sunshine unable to reach delicate weather instruments kept in Stevenson?

29. The candidates shouted loudly in a big examination hall. As they shouted, they heard another similar sound. Give a name to this similar sound the candidates heard after shouting?

Mukiibi pulls a load of 30kg over a set of cylindrical wooden rollers. Buule pulls another load of the same weight along the ground as shown in the diagram below.

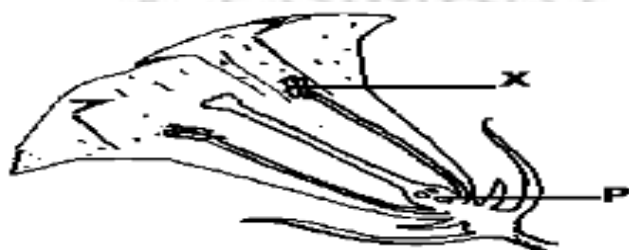


30. Explain why Buule uses more force than Mukiibi to pull the load.

31. How does refrigeration help to preserve perishable food stuffs?

32. Apart from centrifuging, give one other method used to harvest honey.
-
33. Give any one structural difference between a VIP latrine and a Convectional latrine.
-
34. Why should one not be afraid of sharing the same classroom with someone infected with AIDS/HIV?
-
35. Apart from contracting sexually transmitted diseases, why would you advise a girl who has started menstruating to obtain from sex?
-

The diagram below is of a flower. Use it to answer questions 36 and 37.



36. Name the part labeled **x**
-
37. What does the part labeled **P** become after fertilization?
-
38. How is hydro- electricity generated at Jinja reach a consumer in Koboko?
-
39. The school Askari entered a classroom and started smoking, How is this dangerous to the pupils in the room?
-
40. **The diagram below are two types of metals of the same size and same length. Study them and answer the question that follows.**



Explain the causes of the difference in length after the metals have been heated.

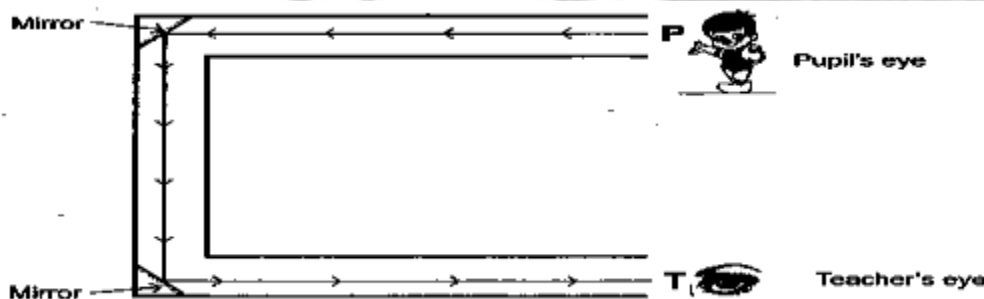
SECTION B: (60 MARKS)

- 41 Ndagga Foundation for disabled children feeds the children on the classes of food given below.

Carbon hydrates, proteins, vitamins, mineral salts, Roughages

- (a) Which class of food from the list would you recommend for children suffering from?
- (i) Constipation? _____
- (ii) Anaemia? _____
- (b) What name is given to a meal containing all foods values in their right amounts?
- _____
- (c) Identify the element of PHC that helps in the control of deficiency diseases in the community.
- _____

42. **The diagram below is an instrument used in by people. Use it to answer the questions that follow.**



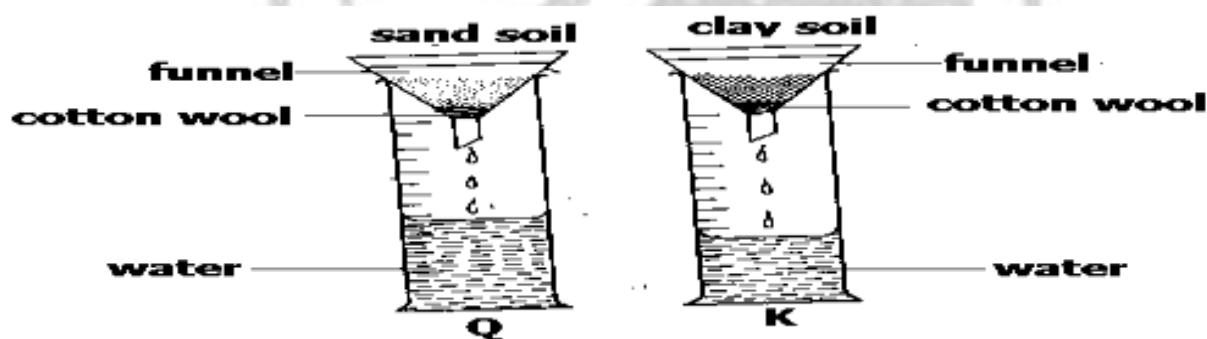
- (a) What is the name of the above instrument?
- _____
- (b) How is the science teacher at position T able to see the pupil at position P?
- _____
- (c) What type of mirrors are used in the above instrument?
- _____
- (d) Give one situation where this instrument is used.
- _____

- 43(a) **The table below shows part of child's immunization card. Use it to answer questions (a) and (d) below.**

	Dates of immunization		
BGG	31/3/2025		
POLIO	12/5/2025	22/7/2025	06/11/2025
DPT	12/5/2025	22/7/2025	06/11/2025
MEASLES	25/12/2025	COMPLETED	

- (a) When was this child born?
- _____
- (b) Give a reason to support your answer in (a) above.
- _____
- (c) State any one disease whose vaccine is given in more than one dose.
- _____
- (d) Give a reason why measles vaccine is administered at 9 months of age?
- _____

44. ***Below is an experiment to show water drainage through different types of soil carried out by primary five pupils during a science lesson. Study it carefully and answer the questions that follow.***



- (a) Why does soil sample Q drain water easily?
- _____
- (b) Give a reason for your answer.
- _____
- (c) Which of the soil samples above is most needed for making pots?
- _____
- (d) Name any one other soil sample apart from the above samples.
- _____

45. **A family of Mr. Akinyi in Busambaga village has 7 children. The eldest is 8 years and the youngest is 4 months.**

(a) Give any two health problems the mother is likely to face.

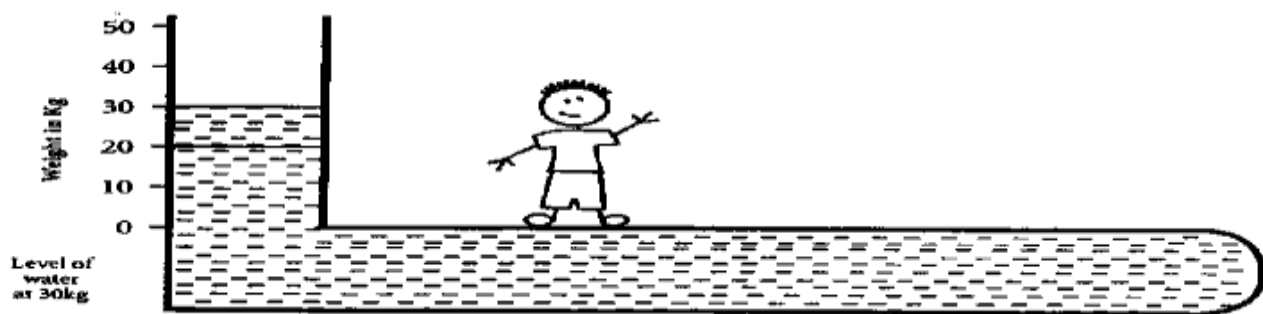
(i) _____

(ii) _____

(b) How can such problems be solved in a family?

(c) Give any one permanent birth control method.

46. **The diagram below is of weighing machine which uses liquid. It was used during the Sports Day for screening participants of different weighs in Kg at Katabi Primary School playground. Study it carefully and answer the questions that follow.**



(a) What is the weight of the boy?

(b) Where will the level of the liquid be when the boy gets off the machine?

(c) Explain what happens if a games teacher whose weight is 90kg stands on the weighing machine.

47. **A school cook removed the cover from a kettle full of boiling milk. One arm of the school cook was burnt by the steam of the boiling milk.**

(a) What kind of burnt did the school cook get?

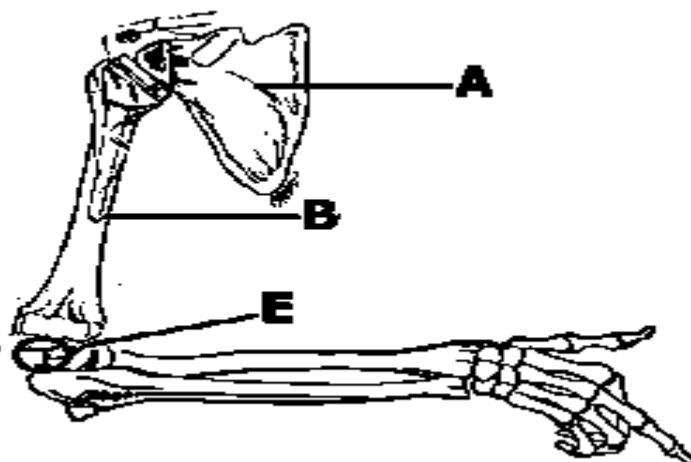
(b) What First Aid would you give to the school cook?

(c) Give any two advantages of giving First Aid to casualties.

(i) _____

(ii) _____

48. **The diagram below is of a human arm. Use it to answer questions that follow.**



(a) Name parts marked with letters

(i) A _____

(ii) B _____

(b) Identify the movable joint found in part marked with letter E

(c) Name any one immunisable disease which attacks bones

49(a) **In a hospital, ten patients were diagnosed and found to be suffering from Ebola.**

(a) State any two control measures the Ministry of Health had to take to prevent the spread of the disease

(i) _____

(ii) _____

(b) Give any one sign of a person suffering from Ebola.

(c) Name any one health life skill the community would practice in order to prevent the spread of Ebola.

50(a) Mention any two methods recommended for harvesting trees.

(i)

(ii)

(b) Why is wood cut for timber supposed to be dried under a shade?

(c) State any one way of preserving wood in form of timber.

51. **The diagram below shows a sucker of a certain plant. Use it to answer the questions that follow.**



(a) Name the roots labeled with letter A.

(b) Name two plants propagated by suckers.

(c) Give any one example of artificial vegetation propagation.

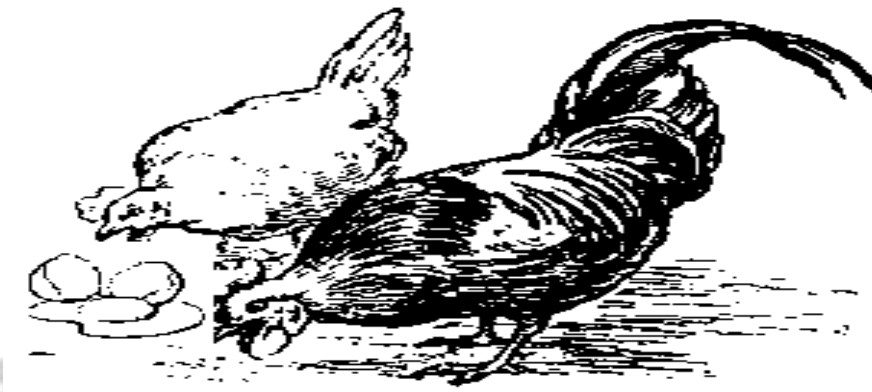
52. *Kiyingi's radios uses batteries of 1.5 volts. In order for the radio to work it requires 12 volts.*

(a) How many such batteries will the radio require? (Show the working)

(b) Why are electric circuits meant to carry larger voltage installed with a fuse?

(c) What name is given to materials which do not allow electricity to flow through them?

53(a) **The diagram below shows one of the common vices found in layers on poultry farm. Study the diagram carefully and answer the questions that follow.**



(a) Name the vice shown above.

(b) State any two causes of vices found in layers at the poultry farm.

(c) State any one control measure of the vice in 53(a) above.

54. The diagram below shows a farming practice. Study it carefully and use it to answer the questions that follow.



- (a) Identify the farming practice above.
-
- (b) Why do farmers include cover crops in the above farming practice?
-
- (c) Give a reason why farmers carry out gaps filling.
-
55. The diagram below shows a fat man doing one of the physical body exercises. Use it to answer questions that follow.



- (a) State any three reasons why physical body exercises are good for a fat man shown above?
- (i) _____
- (ii) _____
- (iii) _____

(b) Give any one danger of vigorous physical exercise to the health of an elderly person.

END

