

# KOLFRAM EDUCATIONAL SERVICES KAMPALA

POWERED BY TRUST HIGH SCHOOL- KABUUBU



## BEGINNING OF TERM I EXAMINATION 2025

### PRIMARY SEVEN

### INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number:

Emis Number						Personal Number		

Candidate's Name: .....

Candidate's Signature: .....

School Name: .....

District Name: .....

**DO NOT OPEN THIS BOOKLET UNLESS YOU ARE TOLD TO DO SO**

#### Read the following instructions carefully

1. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **8** printed pages.
2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.
3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.
4. No calculators or **electronic** pens are allowed in the examination room.
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 boxes inside the question paper.

#### FOR EXAMINER'S USE ONLY

Page NO.	MARKS	EX'ER'S INITIAL
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
TOTAL		

**Turn Over**

## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name the type of feather which helps the birds to fly.

.....

2. Why does a piece of paper float when placed in water?

.....

3. Name the material kept in a first aid box to help in absorption of fluids on the body of a casualty.

.....

4. Mention **one** immunisable disease which affects the formation of bones.

.....

5. Give **one** reason why water for drinking should be boiled properly.

.....

**Below is a musical instrument.** Study and use it to answer question 6.



6. How is Timo able to produce sound with different pitches using the instrument above?

.....

7. State any **one** reason why some plants climb others.

.....

8. What do people gain from nimbus clouds?

.....

9. Why is a bean seed grouped under dicotyledonous seeds?

.....

10. Give **one** disadvantage of growing maize near a forest.

.....

11. Give **one** reason why most children at our school wash uniform using hands

.....

12. Why does government of Uganda encourage people to plant more trees?

.....

13. Suggest **one** way of controlling flies in our homes.

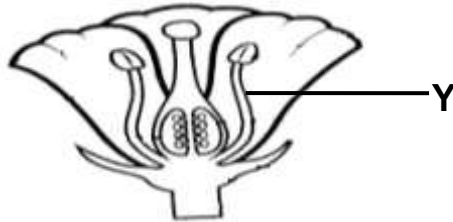
.....

14. How is germination similar to rusting?

.....

15. Give **one** way of keeping soil fertile.

.....  
**The diagram below shows part of a flower.** Use it to answer questions 16 and 17.



16. Name the part marked with letter **Y**.

.....  
17. What term is given to the female part of a flower?

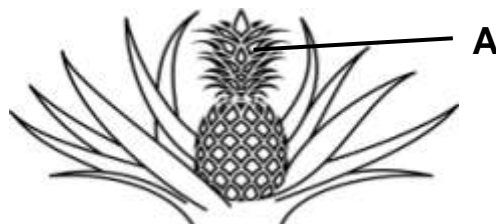
.....  
18. Name the weather condition that requires a farmer to use irrigation.

.....  
19. Name the second stage in the life cycle of a cockroach.

.....  
20. What is Food Path?

.....  
21. State any **one** way of maintaining sanitation at school.

.....  
**The diagram below shows a pineapple plant.** Use it to answer questions 22 and 23.



22. Name the part of pineapple marked with letter **A**.

.....  
23. Apart from using part **A**, give any **one** way of propagating pineapple plants.

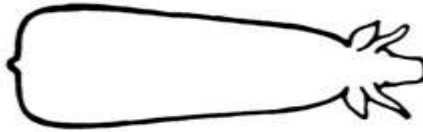
.....  
24. Name the breathing organs of a fish.

.....  
25. Why are we advised to brush our teeth after every meal?

.....  
26. On which body part of an insect are the wings attached?

27. Give **one** reason why an injured person should get First Aid.

.....  
**Below is a diagram of body shape of a type of cattle. Study and use it to answer question 28.**



28. State the main product got from the type of cattle whose body shape is shown above.

.....  
29. Give any **one** common problem faced by cattle farmers.

.....  
30. Write **one** danger of strong wind.

.....  
31. How can a farmer conserve moisture in the soil?

.....  
32. Which weather instrument is used to measure the speed of wind?

.....  
33. State the type of germination in maize seedlings.

.....  
34. Why can't green plants make their own food at night?

.....  
35. Give **one** reason why breast milk is the best food for babies?

.....  
36. Mention **one** man-made change in the environment.

.....  
37. How can a farmer control cannibalism on a poultry farm?

.....  
38. Name the type of transpiration which takes place through cuticle of plant stems.

.....  
39. Name the juice produced by the walls of a stomach.

.....  
40. What is the importance of ventilators on a house?

**SECTION B (60 marks)**  
**(Questions 41 to 55 carry four marks each)**

41. (a) What do you understand by: infant mortality?

.....  
 (b) State any **two** causes of high mortality rate.

(i).....

(ii).....

(c) Give **one** way of reducing child death rates in our community.

(i).....

(ii).....

42. (a) What is a vector?

.....

(b) Name the vector associated with each of these diseases.

(i) sleeping sickness.....

(ii) rabies:.....

(c) Suggest **one** way of controlling the spread of rabies in a community.

.....

43. (a) Mention **one** way in which millipedes are:

(i) Important to the farmers .....

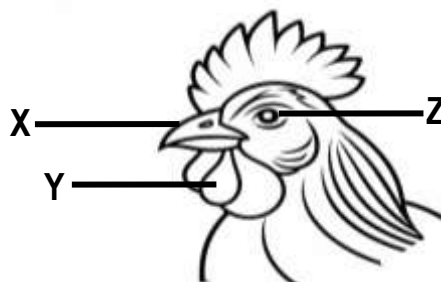
(ii) A problem to farmers.....

(b) State any **two** ways in which millipede protect themselves against dangers.

(i).....

(ii).....

**44. The diagram below shows a poultry. Use it to answer question that follow.**



(a) Name the parts labelled;

(i) **X**: .....

(ii) **Y**: .....

(b) Apart from feeding, give any **one** way part marked **X** is important to the poultry.

.....

(c) State **one** problem that Okello's cock without part **Z** will face.

.....

45. (a) Write PHC in full.

.....

(b) Give **one** role of family members in promoting PHC.

.....  
(c) Mention any **two** elements of PHC.

(i).....

(ii).....

46. Match the classes of food in list A to their deficiency diseases in list B correctly.

List A	List B
Carbohydrates	Scurvy
Iodine	Beriberi
Vitamin B1	Marasmus
Vitamin B2	Night blindness
	Pellagra
	Goitre

(a) Carbohydrates .....

(b) Iodine .....

(c) Vitamin B1.....

(d) Vitamin B2.....

47. (a)What is pollination?

.....  
(b) Give **one** example of an insect which pollinates flowers at night.

.....  
(c) State the role of the stigma during pollination.

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

.....  
48. When Musa heard of a lorry by-passing, he knelt down and listened to it from the earth's surface. **Use the diagram below to answer the questions that follow.**



(a) What was the investigation about?

.....  
(b) What evidence did Musa find to prove his experiment?

(c) Name the state of matter in which sounds travel

(i) Fastest: .....

(ii) Slowest: .....

49. (a) What is "Food Preservation"?

.....  
(b) Mention **one** traditional method of preserving fish widely used in Uganda.

.....  
(c) Give **two** reasons for preserving fish.

(i).....

(ii).....

50. The diagram below shows a baby playing with porridge put on stove. Use the diagram below to answer the questions that follow.



(a) What accident is likely to be got by baby in the diagram above?

.....  
(b) How is the cause of a burn similar to that of the accident above?

.....  
(c) State **one** way in which a burn is different from the accident in (a) above.

.....  
(d) Give any **one** way of protecting children against the accident shown above.

51. Mary is suffering from both malaria and cough.

(a) State any **one** drug you would give to Mary to cure:



(i) Malaria:.....

(ii) Flu: .....

(b) Name any **one** safe place from where you will get these drugs.

.....  
(e) Why is it not advisable to buy drugs from the shops and supermarkets for Mary?

52. (a) Identify **one** effect of heat on matter.

.....

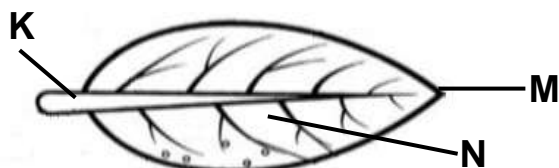
(b) By what process does heat move through solids?

(c) Write down any **two** uses of heat to man.

(i).....

(ii).....

53. The diagram below is of a leaf of a plant. Use it to answer the questions that follow.



(a) Name the part of the leaf marked with letter **K** and **M**.

(i) K: .....

(ii) M .....

(b) Give any **one** biological process which take place in part marked **N**.

(c) Give any **one** health importance of leaves to people.

54. (a) Name **one** process that helps in the formation of soil.

(b) Mention any **two** living organisms that help in soil formation.

(i).....

(ii).....

(d) Apart from living organisms, name any **one** other component of soil.

55. (a) Mention **two** breeds of goats.

(i).....

(ii).....

(b) Why do people rear goats?

(d) How would you improve on the local breeds of goats?

*Dear candidates, after final examinations, come let's join*  
**TRUST HIGH SCHOOL- KABUUBU GAYAZA P.O BOX 19020 KASANGATI**

For both O and A level for Arts and Sciences. Book for your admissions now

Call: **DIRECTOR:** 0755583704, **H/TR** 0774196494, **DEPUTY H/TR** 0705100479, **BURSAR:** 0752090877