

**KOLFRAM EDUCATIONAL SERVICES KAMPALA**  
**POWERED BY TRUST HIGH SCHOOL- GAYAZA**

**END OF TERM II EXAMINATION 2024**

**PRIMARY FOUR**  
**INTEGRATED SCIENCE**



*Time allowed: 2 hours 15 minutes*

**Index Number:**

Admission Number						Personal Number		

**Candidate's Name:** .....

**Candidate's Signature:** .....

**School Name:** .....

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

**Read and follow these 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
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Page 8		
TOTAL		

**Turn Over**

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## **SECTION A**

*(Question 1 to 40 carries **one** mark)*

1. Name the body organ used for hearing.

.....

2. Where do plants get water used in photosynthesis?

.....

3. Why do we need soft brooms at school?

.....

4. Name the system of plant which grows above the ground?

.....

5. How is a micropyle useful to a bean seed?

.....

6. Mention any **one** component of a good living house.

.....

7. Give any **one** importance of farm records to a crop farmer.

.....

8. Name the animal that protects itself by changing its body colour according to the environment.

.....

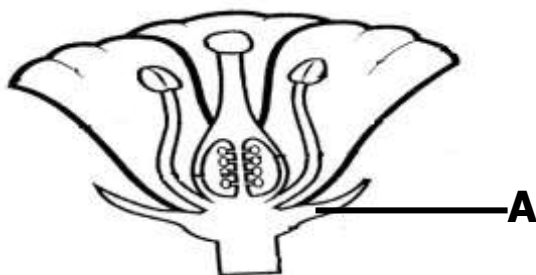
9. What term is used to mean the arrangement of veins in the leaf?

.....

10. Where does a cow pea plant store its food?

.....

**Use the diagram of a flower below to answer the question 12.**



11. Why do most insect pollinated flowers have very bright parts marked **A**?

.....

12. What is air?

13. Which insect vector lays eggs in the stagnant water?

14. How does a seed differ from a fruit?

15. Give any **one** factor which affects the rate of transpiration in plants.

16. What advice can you give to fellow P4 children to keep the school clean?

17. What are flowering plants?

18. Give any **one** importance of a shadow.

19. In which way are mushrooms similar to mosses?

20. Give any **one** importance of grass found on the school compound..

21. What is soil profile?

22. Why do some plants with weak stems climb others?

23. Apart from protection, mention any **one** reason why living things make sound.

24. How can a farmer prevent rusting of the metallic tools?

25. Define harvesting.

26. Mention any **one** aquatic animal.

27. Name the part of the plant shown below.



28. Which type of clouds gives us rain?

29. Give any **one** element of a good home.

30. What do we get from sheep?

31. Give the collective name of trees.

32. Mention one place where people get food.

33. Write F.Y.M in full.

34. Of what importance are feelers on an insect?

35. State any **one** way you can care for your brain.

36. What is photosynthesis?

37. Give any **one** cause of improper growth of teeth in some children.

38. What term is given to the long period without rain in an area?

39. Name any **one** crop pest you know.

40. Give **one** reason why some farmers harvest their crops before they are ready.

### **SECTION B (60 marks)**

41 (a) State any **two** uses of weeds to crop farmers.

(i) .....

(ii) .....

(b) Mention any **two** dangers of weeds to the crop farmers.

(i) .....

(ii) .....

42a) Mention any **two** properties of air.

(i) .....

(ii) .....

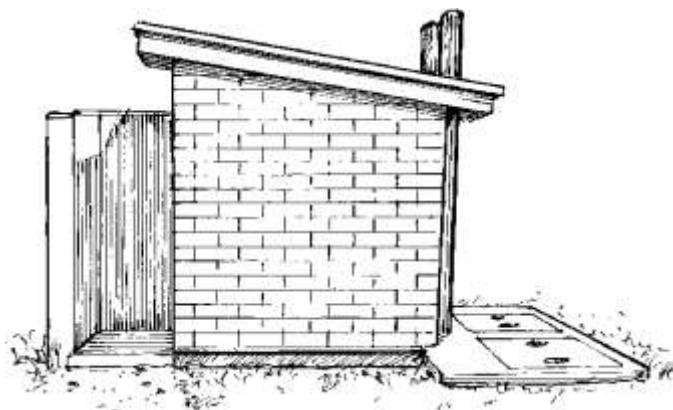
(b) Which component of air comes out of soda bottles immediately you open?

.....

(c) What percentage of air do rare gases occupy in the atmosphere?

.....

43. **Below is an element of sanitation. Use it to answer questions that follow.**



(a) Name the element of sanitation shown above.

.....

(b) Give any **one** importance of the element of sanitation shown below.

.....

(c) Give any **two** places where the above element of sanitation is found.

(i) .....

(ii) .....

44.(a) What is weather?

.....

(b) Mention any **two** conditions of weather which majorly affects farming.

(i) .....

(ii) .....

(c) Give any **one** element of weather why dries clothes at night.

45 (a) Outline **two** examples of items found in a first aid box.

(i) .....

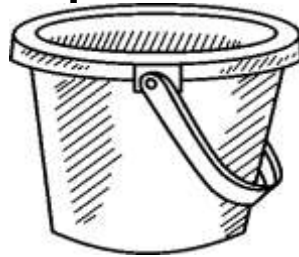
(ii) .....

(b) Give **two** reasons why we give first aid.

(i) .....

(ii) .....

46. **The diagram below shows an item used in maintaining personal hygiene. Use it to answer questions that follow.**



(a) Name the item shown above.

(b) Give **two** ways P4 child uses the item above to promote personal hygiene

(i) .....

(ii) .....

(c) State any **one** reason why we need to bathe regularly.

47 a) Give any **one** source of food.

(b) State any **two** ways how people get food.

(i) .....

(ii) .....

(c) Mention any **one** class of food.

48a) State the importance of each of the following activities.

(i) cutting finger nails short

(ii) washing hands before eating

(iii) ironing clothes and beddings

(b) What is personal hygiene?

49. The diagram below shows sugarcane plants. Use it to answer questions that follow.



(a) What type of leaf is represented by letter **A** in the diagram above?

(b) Identify **one** process that takes place in a leaf.

(c) State any **two** uses of part marked with letter **B** to plants.

(i)

(ii)

50 (a) What are leguminous crops?

(b) Give **one** example of a legume.

(c) How do we call the organism found in swellings found on roots of legumes.

(d) Of what importance is the organism named in (c) above?

51 (a) What are weeds?

(b) How are weeds dangerous to plants?

(c) How can farmers control weeds in their gardens?

(d) Mention **one** way weeds are useful to people.

52. How do the following animals move?

- (a) fish: .....  
(b) grasshopper : .....  
(c) goat : .....  
(d) snake: .....

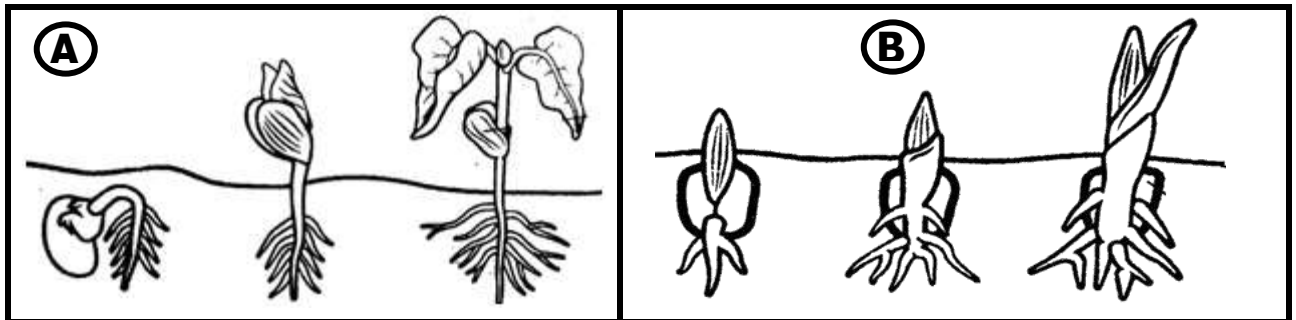
53 (a) What are blocks in food production?

.....  
(b) Identify the first stage in food production.

.....  
(c) Mention **two** blocks that affect food production.

- (i) .....  
(ii) .....

54. **Below are the illustrations of the type of seed germination. Study them carefully and answer the questions that follow.**



(a) Mention the type of germination marked with letter **A** and **B**.

- (i) **A**: .....  
(ii) **B**: .....

(b) Give **one** condition which favours the growth of seed shown in **B** above.

.....  
(c) Name the type of leaf venation commonly found in seedling marked **A**.

55. **Match deficiency disease in list A to their causes in List B correctly.**

Deficiency disease	Cause of disease
a) Marasmus	lack of enough iron in the body
b) Kwashiorkor	lack of foods rich in proteins in the body
c) Anaemia	lack of vitamin D in the body
d) Rickets	lack of food rich in carbohydrates in the body

\*\*\*THE END\*\*\*



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