

KAMPALA ACADEMIC EXAMINATIONS BOARD

PRIMARY FOUR CONTINUOUS ASSESSMENT TERM II SET I 2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Pupil's Name:

Pupil's Signature :

School Name:

District Name:

INSTRUCTIONS

DO NOT OPEN THIS BOOKLET UNTIL 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 (**40 Marks**) and

Section **B** has 15 questions. (**60 Marks**)

2. Answer **ALL** questions. All answers to both sections **A** and **B** must be written in the spaces provided.

3. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.

4. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.

5. Do not fill anything in the table indicated

“ FOR EXAMINERS’ USE ONLY”

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QN. NO.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

Turn over



SECTION A: (40 MARKS) P.6

1. Name the sense for hearing in human beings.

2. Give a reason why Nakato brushes her teeth every after a meal.

3. Why is planting of crops normally done in the rainy season?

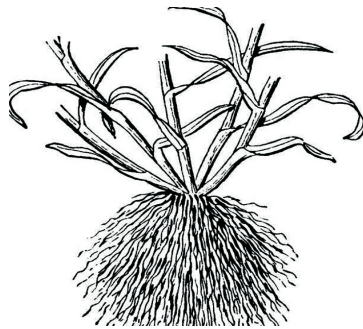
4. Which component of air occupies the least percentage in the atmosphere?

5. Why are petals on flowers brightly coloured?

6. Why type of family consists of the parents and their biological children?

7. How can a Primary four pupil control the spread of malaria of his/her home

The diagram below shows a type of root system. Study it carefully and answer question 8 and 9.



8. Name the type of root system shown above.

9. Mention any one plant with the above type of roots.

10. How useful is a hen at home?

11. What is the main source of heat in the environment?

12. Of what use are leaves to some insects?

13. Which group of plants contain parallel leaf venation?

14. Name any one bird that pollinates flowers.

15. What name is given to plants which do not bear flowers?

16. Which structures do fish use for breathing?

17. Name the type of clouds that is a clear sign of rain.

18. Give the name given to roots that develop from the radicle of a seed.

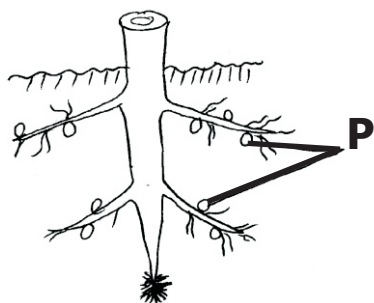
19. Emmanuel is a farmer in a certain village, he grows beans maize sorghum on the same piece of land. What can he do to control crop pests that attack these crops.

20. According to your understanding, why do you think people boil water for drinking.

21. What is the similarity between a maize grain and a fruit?

22. Give one example of a root tuber.

23. **Study the structure below and answer the question that follow.**



Name part marked **P** on the root system.

24. Mention any one example of an annual crop grown in your area.

25. How are tractors useful on large plantation?

26. Name one plant material used to make a nursery bed.

27. When is transplanting done by farmers?

28. On which part of an insect are most spiracles found?

29. Apart from the tuber, name any other part of a plant affected by cassava mosaic

30. Give a reason why photosynthesis does not take place at night.

31. Write down one food stuff eaten without cooking.

32. In which type of weather do school children wear sweater and also use umbrellas?

33. Give one way the sun is useful to the crop farmers.

34. What are cereal crops?

35. Name one example of a useful insect that can be eaten by man.

36. Which part of an insect contains the feelers?

37. Which part on a flower attracts pollinators?

38. Name one example of a bird at home.

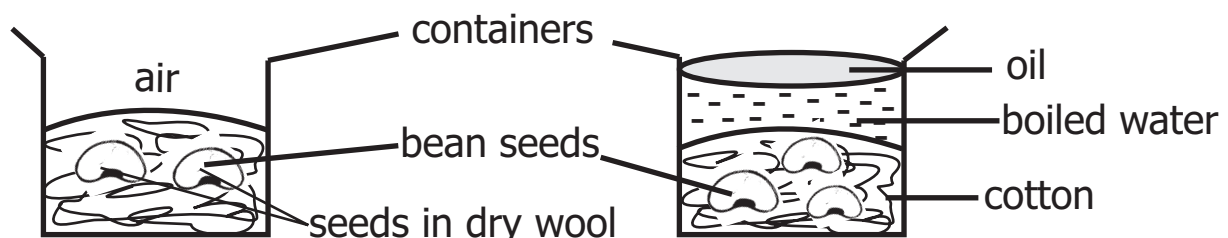
39. Apart from humus, name any other component of soil.

40. How is a panga used in the garden?

SECTION B: (60 MARKS)

*Question 41 to 55 carry **four** marks each)*

41. Below are two experiments illustrating the condition necessary for germination in absence of the other.



a) Which condition is lacking in experiment **1**?

b) i) Give a reason why bean seeds in experiment **2** did not germinate.

ii) Why is it that boiled water does not support germination of a seed?

c) To which group of seeds do bean seeds belongs?

42. a) Mention two components of a clean home.

i) _____

ii) _____

b) Give any two ways how we can keep our homes clean.

i) _____

ii) _____

43. a) Write down any two products made from goat or cow skins.

i) _____

ii) _____

b) Give any one way people take care of pigs.

44. **Mr. Bushing a farmer in Uganda carries out a farming. This was observed by pupils of Primary four during their tour studies as illustrated in a table. Study it and answer the questions that follow.**

	Garden 1	Garden 2	Garden 3
First season	Beans	Maize	cabbage
Second season	cabbage	Beans	Maize
Third season	maize	Cabbage	Beans

a) Name the farming practice Mr. Bushing is using with in the three seasons.

b) Which crops is being included in every season from the tuber?

c) i) Give a reason why the cup named in (b) above is included seasonally

ii) Which other crop can be included except the one method in (b) in the garden?

45. a) What are crop pests?

b) Mention at least two crop pests that can attack a cassava garden.

i) _____

ii) _____

c) How can a farmer control any of the crops pests mentioned in (b) above?

46. (a) Name the commonest temperature scale used when measuring temperature.

b) Identify the freezing and boiling temperature points of the scale mentioned above.

i) Freezing point _____

ii) Boiling point _____

c) How is a clinical thermometer useful to the nurse in a hospital?

47. a) i) What general name is referred to as keeping our bodies and the things we use clean?

ii) Name any two parts of the body that need to be washed or cleaned daily .

i) _____ ii) _____

b) Give a reason why a Primary four pupil washes hands after visiting the latrine.

48. a) Mention any two places where people get food from.

i) _____ ii) _____

b) According to your own understand. Give two reasons why your teachers eat lunch.

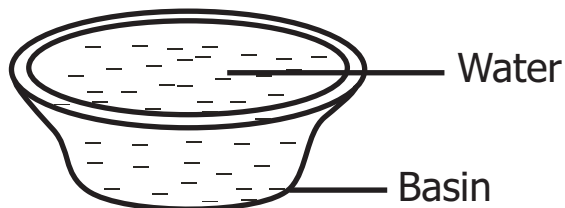
i) _____

ii) _____

49. **Below are items used to keep our bodies clean. Study them carefully and answer the questions that follow.**



1



2

a) i) Which item can be used by a man when brushing teeth?

ii) Give the use of item I after visiting a toilet.

b) i) What is the use of a basin?

- ii) Apart from the ones drawn above, mention any other item that can be used to clean our body.

50 Match the weather instruments with their uses.

Weather instruments

Rain gauge
Hygrometer
Barometer
Anemometer

Use:

- measure the speed of wind.
- measure atmospheric pressure.
- measure the amount of rainfall received.
- measures humidity.

a) Rain gauge

b) Hygrometer

c) Barometer

d) Anemometer

51 a) Name the best seasons in which the following activities are carried out.

i) Harvesting water in tanks placed in houses.

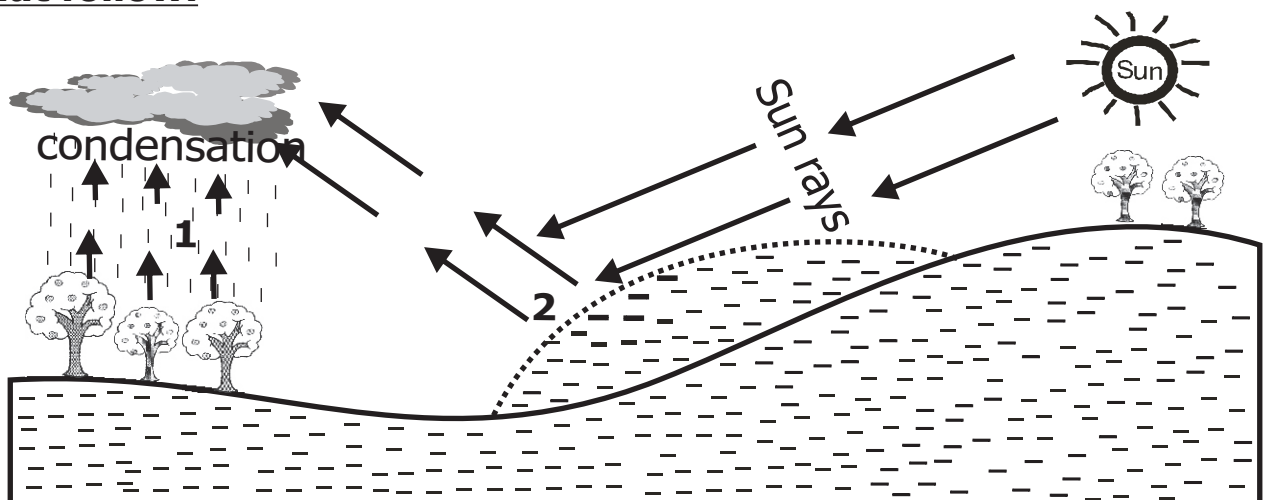
ii) Harvesting crops which are ready.

b) Give a reason why farmers carry out the following;

i) plant crops in the wet season

ii) Harvest crops when there is sunlight

52. **Below is a water cycle. Study it carefully and answer the questions that follow.**



a) Name the type of rainfall received in areas around water.

b) Name the process marked

i) 1 _____

ii) 2 _____

c) What causes process 2 to occur?

53. a) What is the meaning of germination?

b) Outline the two conditions necessary for a seed to germinate.

i) _____

ii) _____

c) Of what use is water during germination of a seed?

54. a) By what means do flowering plants reproduce?

b) What scientific name is used to mean the food made by plants?

c) Suggest two conditions necessary for photosynthesis to take place.

i) _____

ii) _____

55. a) Why is a maize grain called a fruit?

b) Which part of a maize grain does the following;

i) Grows into a root system.

ii) Stores food for the embryo.

iii) Attaches the grain to the cob.

END