

SAIDINA ABUBAKAR PRIMARY SCHOOL- LWANJIRI



END OF TERM **ONE** EXAMINATION **2024**

PRIMARY FIVE INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number:

Admission 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 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**.

FOR EXAMINER'S USE ONLY

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

Turn Over

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SECTION A: 40 MARKS

(Questions 1 to 40 carry one mark each)

1. State any **one** type of bee found in the beehives.

.....

2. Give any **one** reason for boiling drinking water.

.....

3. Why are petals of some flowers brightly colored?

.....

4. Mention any **one** product obtained from ducks.

.....

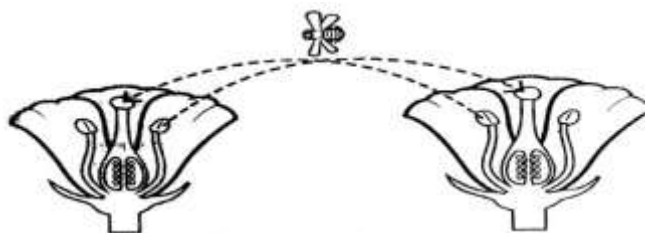
5. Which component of air is needed for germination to take place?

.....

6. Give the meaning of the term **mass**.

.....

The diagram below is of a type of pollination. Use it to answer the question that follow.



7. Name the type of pollination illustrated above.

.....

8. State any **one** agent of the type of pollination shown above.

.....

9. Name the best season for growing crops.

.....

10. Name the food value got from eating honey.

.....

11. State any **one** way of caring for crops in a garden.

.....

12. Write the first step to follow when preparing ORS.

.....

13. Give a reason why a piece of paper floats on water.

.....

14. State the use of soap in promoting personal hygiene.

.....

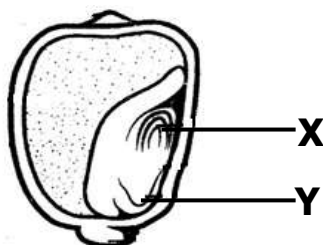
15. Name the domestic animal that helps to chase away rats from home.

.....

16. Name the insect that commonly pollinates flowers at night.

.....

Study the diagram of a maize grain below and use it to answer questions 17 and 18.



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

.....

18. Give the function of the part marked with the letter **X**.

.....

.....

19. State **one** way in which bees benefit from plants.

.....

20. Name the component of air that takes the highest percentage in the atmosphere.

.....

.....

21. State any **one** advantage of mulching a garden.

.....

.....

22. Which type of soil is the best for making ceramics?

.....

.....

23. How do hookworms enter in to our body?

.....

.....

24. Apart from free range system, give **one** other system of keeping poultry.

.....

.....

25. Give any **one** way of preventing question from infants.

.....

26. State any **one** diseases spread by a house of life.

.....

.....

27. Name the type of cloud that gives us rain.

.....

28. Name the sense organ for sight.

.....

29. In the space below, draw a leaf with a parallel leaf venation.

30. How are local materials like sisals important in improving sports activities in schools?

.....

31. Which vector is involved in the 4Fs germ path?

.....

32. Mention the domestic animal used for security at home.

.....

33. What name is given to the method used in for finding the volume of an irregular object?

.....

.....

34. How is a spur useful to a bird?

.....

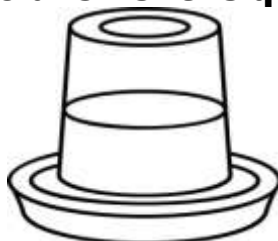
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35. State any **one** need of a bee farmer.

.....

.....

36. **Use the diagram below to answer the questions that follow.**



How is the farm equipment below useful to the poultry farmers?

.....

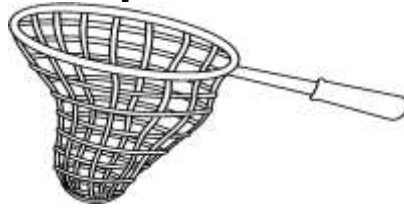
37. Why does the drone bee die after the wedding flight?

.....

.....

38. State any **one** way in which natural immunity is acquired

The diagram below shows equipment used by an apiarist. Study it carefully and use it to answer questions the 39 and 40.



39. Name the equipment shown below.

40. Of what use is the equipment shown below?

SECTION B

41. (a) What are poultry vices?

(b) Mention any **two** examples of poultry devices.

(i).....

(ii).....

(c) How does proper feeding of poultry help to control poultry vices?

42. (a) What are the social insects?

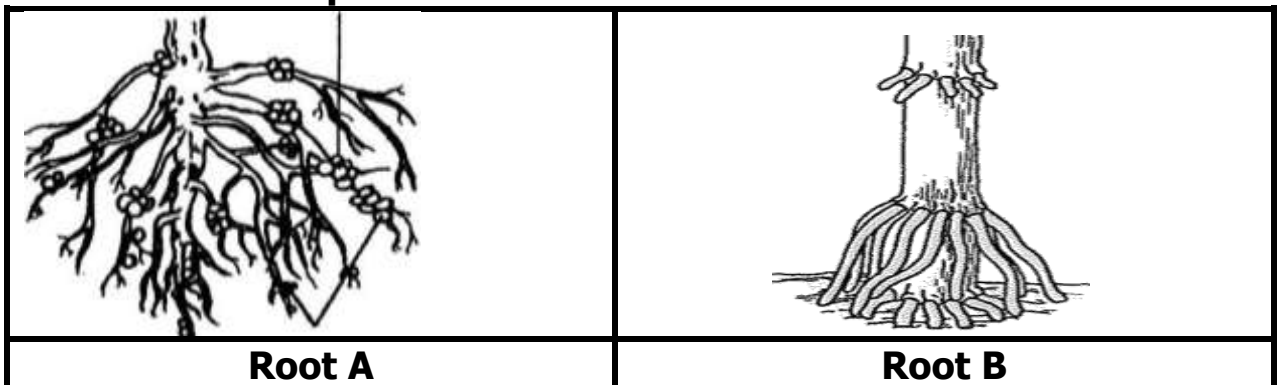
(b) Mention any **two** examples of social insects.

(i).....

(ii).....

(c) Why are bees regarded as social insects?

43. The diagram below shows two different root systems. Study and use them to answer questions that follow



(a) Identify the root system marked by the letters **A** and **B**.

(i) A:

- (ii) B:.....
- (b) State the role of root marked with letter A on the diagram above to soil.

- (c) How does a root system B help to maintain soil fertility?

44. (a) State the role of the following types of the teeth to man
 (a) Incisor teeth:
 (b) Canine teeth:
 (b) State **one** practice that can be done to keep the teeth in a good working condition.

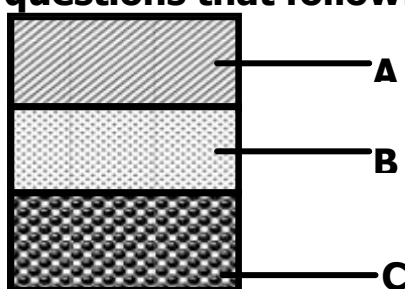
- (c) What possible danger is likely to happen if the above mentioned practice in (b) is not observed?

45. (a) Name the main natural source of light in the environment.

- (b) How useful is chlorophyll during photosynthesis?

- (c) Give **two** products of photosynthesis.
 (i).....
 (ii).....

46. **The diagram below is about soil. Study it carefully and use it to answer the questions that follow.**



- (a) What does the above illustration represent?

- (b) Name the soil layers marked with the letter B and C.
 (i) B.....
 (ii) C.....
- (c) Why is layer A considered to be the best soil for growing crops?

47. (a) Name the main source of water in the environment.

.....
.....

(b) State any **two** uses of water at home.

(i).....

(ii).....

(c) How can drinking water be protected from contamination in a home.

.....
.....

48. The table below shows different types of chicken. Study it and answer the questions that follow.

Type A	Type B	Type C
Ancona	Light sussex	Rhode island red

(a) Which of the above type of chicken is kept for:

(i) Meat production

.....

(ii) Egg production

.....

(b) Name the type of mash given to chicks below 8 weeks.

.....
.....

(c) How can a farmer increase on the egg production on his farm?

.....
.....

49. (a) State any **two** food sources of proteins.

(i).....

(ii).....

(b) Why would you advice a primary five pupil to feed on food stuff rich in carbohydrates?

.....
.....

(c) Name the deficiency disease got due to lack of proteins in the body.

.....
.....

50. (a) What is meant by the term personal hygiene?

.....
.....

(b) State **two** ways of promoting personal hygiene.

(i).....

(ii).....

(c) Name any **one** disease spread to people due to poor personal hygiene.

.....
.....

51. (a)What is matter?

.....
.....

(b) Mention **two** states of matter.

(i).....

(ii).....

(c) In which state of matter is water?

.....

52. Match the vectors to the disease they spread.

Freshwater snail	rabies
Rabid dogs	Bilharzias
Houseflies	Polio
Cockroach	cholera

(a) Freshwater snail:.....

(b) Rabid dogs :.....

(c) Houseflies:.....

(d) Cockroach:.....

53. (a) How are the following body organs important to people?

(i) Heart:

(ii) Lungs:

(b) State **two** ways in which you can care for your body organs.

(i).....

(ii).....

54. (a) Mention **two examples of disease vectors.**

(i).....

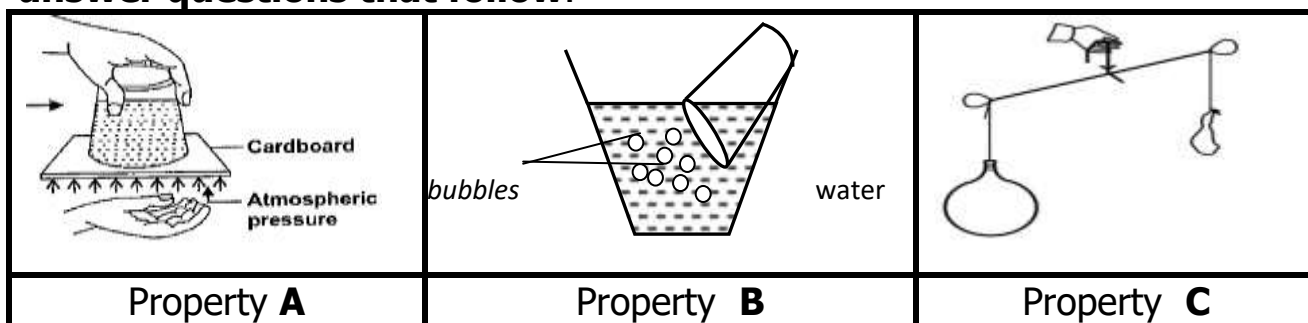
(ii).....

(b) Give **two** examples of communicable diseases.

(i).....

(ii).....

55. The diagrams below show properties of air. Study and use them to answer questions that follow.



(a) Identify the property of air represented by letter A and letter C.

(i) A:

(ii) C:

(b) Name the gas that plants use when making their food.

.....

(c) State **one** danger of wind to the environment.

.....