

BEGINNING OF TERM II 2023

PRIMARY FIVE

INTEGRATED SCIENCE

NAME: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two sections **A** and **B**.
2. Section **A** has **40** questions (**40** marks) and **B** has **15** questions (**60** marks).
3. Answer all questions in both sections **A** and **B**.
4. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.
Only diagrams and graph work be done in pencil.
5. Unnecessary crossing will lead to loss of marks.
6. Poor handwriting, which can not be easily read, may lead to loss of marks.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

SECTION: A (40 Marks)

(Questions 1 to 40 carry **one** mark each)

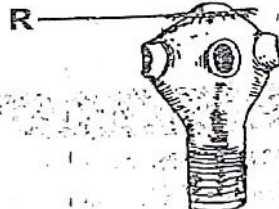
1. Name the hardest part of the tooth.
2. What is the main function of chlorophyll found in leaves?
3. Give any **one** reason why plants climb others.
4. Name the term used to mean the first help given to an accident victim.
5. How does a bird reproduce?
6. Name any **one** food stuff used for spicing source.

The diagram below show a property of air. Use it to answer questions 7 and 8.



7. Name the substance marked X.
8. What property of air is shown in the diagram above?
9. Why does a bedbug produce unpleasant smell when touched?
10. Name the part of the house which allows in fresh air.
11. Which type of chicken are known as heavy birds?
12. State **one** reason why birds fly from one place to another.

The diagram below is of a tape worm. Use it to answer questions 13 and 14.



13. Name the part marked R.

14. How does the above worm enter our body?

15. Which set of teeth does a baby develop first?

16. What is the importance of a queen excluder in a top bar hive?

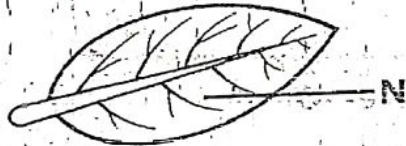
17. Name the type of mosquito that spread elephantiasis.

18. What does the second "F" as used in the 4Fs stand for?

19. Mention any **one** type of germination.

20. What does the plumule develop into during germination?

Use the diagram below to answer the questions 21 and 22.



21. Name the labeled part N.

22. On which system of flowering plants is the above part found?

23. Which immunisable disease causes lameness?

24. How is painting metallic tools useful?

25. What is the importance of a spur to a cock?

26. What type of honey bees make honey?

27. How useful is a heart as a body organ?

28. State any **one** example of bendings.

29. Name the food value contained in honey.

30. Give any **one** disorder of the human digestive system.

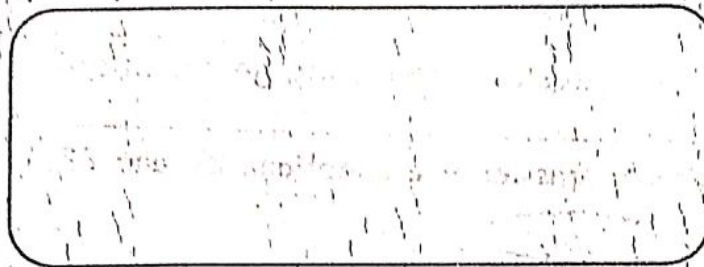
31. Which human body organ performs similar function as the gills of a Nileperch?

32. Why are beans grouped under legumes?

33. Name the storage facility that has rat guards on its stands.

34. How does a bed bug protect itself?

35. In the space provided below draw a canine tooth.



36. Why are dehydrated people given ORs?

37. State any **one** way of caring for seedlings in a nursery bed.

38. Give any **one** type of change in the environment.

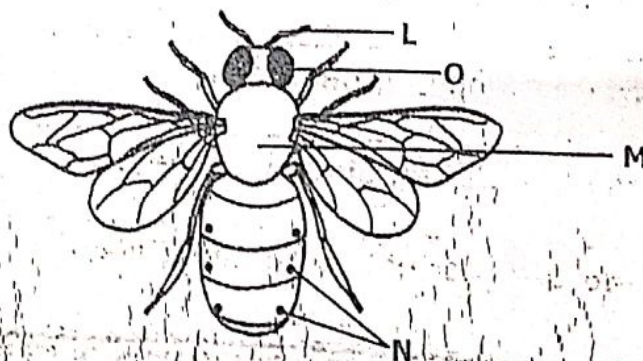
39. Identify any **one** non-living item found in a class.

40. State any **one** source of food.

SECTION B (60 marks)

(Questions 41 to 55 carry **four** marks)

The diagram below shows an insect. Study and use it to answer questions that follow.



41. (a) Name the parts marked **O** and **M**.

(b) How is part **L** useful to an insect?

(c) What happens to an insect when part **N** is dipped in water?

42. (a) Write down any **two** examples of projects people setup in the community.

(i)

(ii)

(b) Give any **two** importance of projects to people in the community.

(i)

(ii)

43. (a) Apart from free range system, give any **two** other systems of rearing poultry.

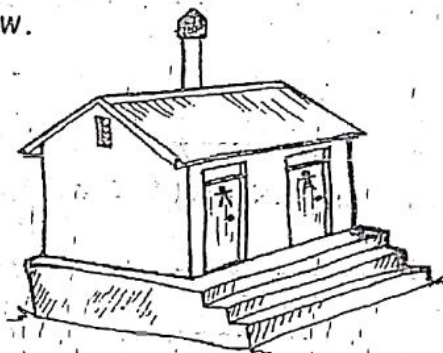
(i)

(ii)

(b) Mention any **one** advantage of free range system.

(c) In which area is free range system suitable?

44. Below is a component of a clean home. Use it to answer the questions that follow.



(a) Name the component of a clean home shown above.

(b) What is the use of the above component of a clean home?

(c) Give any **two** ways of maintaining cleanliness in the above component of a clean home.

(i) _____

(ii) _____

45. (a) State the function of each of the following types of bees.

(i) Queen bee _____

(ii) Drone bee _____

(iii) Worker bee _____

46. (a) State any **two** types of families.

(i) _____

(ii) _____

(b) Mention any **two** roles of a child at home.

(i) _____

(ii) _____

47. (a) Name any **two** examples of animal vectors.

(i) _____

(ii) _____

(b) Mention any **two** places where vectors are found.

(i) _____

(ii) _____

48. (a) Name any **two** areas at home that need to be cleaned.

(i) _____

(ii) _____

(b) Write any **two** ways of cleaning the compound.

(i) _____

(ii) _____

49. (a) The table below shows elements of weather in part A and their effects in part B.

A: Elements of weather	B: Effects
Clouds	Causes drought
Rainfall	Raises dust
Wind	Causes floods
Sunshine	Causes rain

Match correctly the elements of weather with their effects in the spaces provided.

- (i) Clouds _____
- (ii) Rainfall _____
- (iii) Wind _____
- (iv) Sunshine _____

50. (a) Give the meaning of the following terms.

- (i) Dehydration _____
- (ii) Rehydration _____

- (b) State **two** causes of dehydration in humans.

- (i) _____
- (ii) _____

51. (a) Give the type of chicken reared for;

- (i) Meat _____
- (ii) Eggs _____

- (b) State any **two** ways you would care for chicken to improve upon egg production.

- (i) _____
- (ii) _____

52. (a) Why are carrots called root tubers?

(b) Apart from carrots, write down other **two** examples of root tubers.

(i) _____

(ii) _____

(c) How are carrots propagated?

53. (a) Give any **two** reasons why it is important to wash hands before eating food.

(i) _____

(ii) _____

(b) Apart from washing hands, mention any other **two** activities one can do to promote personal hygiene.

(i) _____

(ii) _____

54. (a) Give any **two** examples of floating objects.

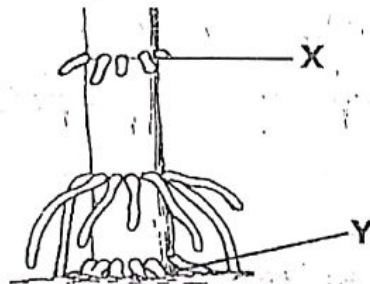
(i) _____

(ii) _____

(b) Why does a pen float on water?

(c) Identify the method used to find the volume of a key.

55. Use the diagram below to answer the questions that follow.



(a) Name the types of roots marked **X** and **Y**.

(i) **X** _____

(ii) **Y** _____

(b) Give any **one** example of a plant with such roots marked **X** in the diagram above.

(c) Give the main function of the roots marked **X** to a maize plant.
