

TAAND EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM III, 2023

PRIMARY FIVE INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Pupil's Name:

Pupil's Signature:

School Name:

District:

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

Read the following instructions carefully:

1. This paper is made up of two Sections: A and B.
2. Section A has 40 short-answer questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer ALL questions. All answers to both Sections A and B MUST be written in the spaces provided.
5. All answers MUST be written using a blue or black ball-point pen or ink. Only diagrams should be done in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the box indicated "For examiners' use only"

**FOR EXAMINER'S
USE ONLY**

Qn. No.	Marks	Exrs' No.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: (50 Marks)

1. Name any **one** example of poultry.

2. Identify any **one** natural change in the environment.

3. Give **one** example of an insulator.

4. Name any **one** raw material for photosynthesis.

5. Identify **one** monocotyledonous plant grown by man.

The diagram below shows a goat grazing. Use it to answer question 6.



6. Name the system of grazing shown above.

7. Where in the human body does digestion end?

8. Give **one** activity that promotes oral health.

9. Why should we boil water for drinking?

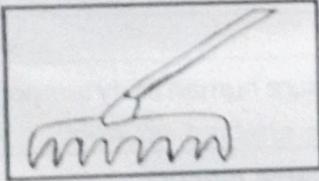
10. Mention **one** way in which heat from the sun is useful to a crop farmer.

11. Name the female sterile bee in a hive.

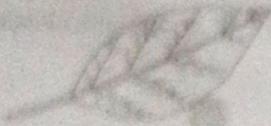
12. Identify any **one** disease that affects rabbits.

13. Give a reason why a fire extinguisher is painted with a bright colour.

14. What type of energy does a bird flying in air possess?

15. What name is given to the meat of sheep?
-
16. Give any one component of a first aid kit.
-
17. How is saliva useful during digestion of food?
-
18. What term is used to refer to objects without a definite shape?
-
19. Give one example of natural manure.
-
20. Why is it a good habit to keep our environment clean?
-
21. State any one characteristic of exotic breeds of chicken.
-
22. State the importance of draining stagnant water from near our homes.
-
23. State the use of the garden tool below.
- 
-
24. Give one example of edible insects.
-
25. State one function of teeth to man.
-
26. Write down one disease that attacks both poultry and rabbits.
-
27. What name is given to the food made by plants during photosynthesis?
-
28. How is ORS useful to diarrhoea victims?
-
29. What type of change is melting of candle wax?
-

30. Name any one liquid used in thermometers.
31. Give one example of a dairy goat breed.
32. Name the type of leaf venation shown in the diagram below.



33. Why are gaps left between the rails of a railway line?
34. By what means does heat travel through solids?
35. How important are anthers to a flower?
36. Define the term "matter".
37. Name the medical instrument used to measure human body temperature.
38. What type of root system is formed in maize plants?
39. Name the weapon used by a worker bee for protection.
40. Give one use of feathers to birds.

SECTION B

41. (a) Mention two types of soil erosion.
(i) _____
(ii) _____
- (b) Suggest one way farmers in hilly areas control soil erosion.
- (c) How does bush burning cause soil erosion?

42. (a) Who is a casualty?

(b) Suggest any **two** reasons for giving first aid.

(i) _____

(ii) _____

(c) Give **one** quality of a good first aider.

43. (a) Match animal management activities with their meaning.

(i)	Lambing	removal of testes from young male animals.
(ii)	Kidding	giving birth in pigs.
(iii)	Castration	giving birth in sheep
(iv)	Farrowing	giving birth in goats.

(i) Lambing _____

(ii) Kidding _____

(iii) Castration _____

(iv) Farrowing _____

44. (a) How do bacteria reproduce?

(b) State **two** conditions necessary for bacteria to reproduce.

(i) _____

(ii) _____

(c) Give **one** similarity between bacteria and fungi.

45. (a) What are deficiency diseases?

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

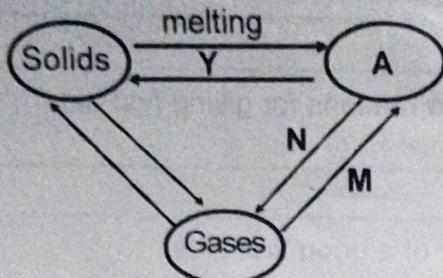
(i) _____

(ii) _____

(c) How can we prevent deficiency diseases in infants?

46.

The diagram below shows how matter changes from one state to another. Use it to answer questions that follow.



- (a) What state of matter is represented by A?

- (b) Name the physical process represented by letters M and Y.

(i) M _____

(ii) Y _____

- (c) Name **one** physical process in the diagram above caused by heat.

47. (a)

- Mention **one** system used in poultry keeping.

- (b) Why do poultry farmers add crushed bones or shells to the mash of layers?

- (c) Why should litter in the poultry house be changed regularly?

- (d) State any **one** way keeping of records is helpful to a poultry farmer.

48. (a)

- Name the garden tool used when;

(i) harvesting cereals _____

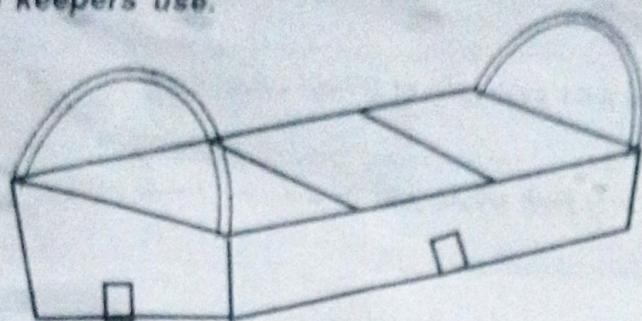
(ii) transplanting seedlings _____

- (b) Mention any **one** difference between annual and perennial crops.

- (c) State **one** method used in harvesting of ready crops.

49.

The diagram below shows one of the handling structures bee keepers use.



- (a) Name the structure shown in the diagram above.

- (b) How is a queen excluder useful in the above structure?

- (c) Why is it important to have flowering plants near an apiary?

- (d) Give **one** product bee farmers sell to the market.

50. (a) Why is milk regarded as a complete food stuff?

- (b) Mention any **two** components of a balanced diet.

- (i) _____
(ii) _____

- (c) Name the health condition prevented by feeding on a balanced diet.

51. (a) Write down any **one** type of weather.

- (b) Give any **two** elements of weather.

- (i) _____
(ii) _____

- (c) Which instrument is used to measure the amount of rainfall received in an area?

52. (a) What are root tuber crops?

(b) Name one example of a root tuber crop.

(c) Give any two pests that attack root tuber crops.

(i)

(ii)

53. (a) Write P.H.C in full.

(b) Write down any two elements of P.H.C.

(i)

(ii)

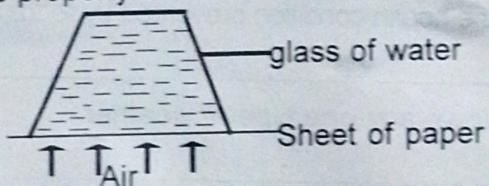
(c) Mention any one principle of P.H.C.

(d) What is air?

(b) Which part of air has the biggest percentage in the atmosphere?

(c) Identify the gas suitable for both burning and germination.

(d) Name the property of air shown below.



55. Complete the immunisation table below.

DISEASE	VACCINE	SITE
(i) Tuberculosis	_____	Right upper arm
(ii) _____	_____	Orally
(iii) Measles	measles vaccine	_____

END