

TARGET EXAMINATIONS BOARD

TERM 1 ASSESSMENT - 2024

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.					Personal No.		

Candidate's Name:.....

Candidate's Signature:.....

District ID No.

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Read the following instructions carefully:

1. Do not write your school or District name anywhere on this paper.
2. Section A has 40 questions (40 marks)
3. Section B has 15 question (60 marks)
Attempt ALL questions.
All answers to both sections A and B must be written in the spaces provided.
4. All answers **MUST** be written using blue or black ball – point pen or ink. Diagrams should be drawn in pencil.
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do not fill anything in the boxes indicated "For examiner's use only".

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		



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P.7 Science Assessment III Term I – 2024

SECTION A (40 Marks)

1. Name any one natural source of sound.

2. To which group of flowering plants does sorghum belong?

3. Give one sign of a compound fracture.

4. Name the group of mammals with well developed canine teeth.

5. Why does clay soil retain more water than sand soil?

6. Give one example of immovable joints in the skull.

The diagram below shows a shape of a type of cattle. Use it to answer questions number 7 and 8.



7. Which type of cattle has the body shape shown above?

8. Give the main product farmers get from the above breed of cattle.

9. How is water in the soil useful to plants?

10. Why isn't it necessary to smoke a VIP latrine?

11. Which one plant process takes place in the root hairs?

12. Name the method a P.7 pupil can use to separate paraffin from water.

13. How does heat travel in space?

14. Give the importance of a septum in the heart.

15. Explain the term 'drug dependency'.

16. Which part of air is used by plants to make proteins?

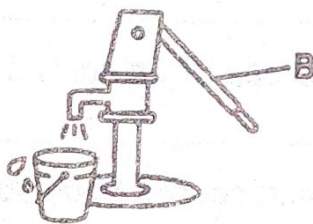
17. Why is a stone called matter?

18. Give one example of a physical change which results in the formation of clouds.

19. State one activity that can promote proper sanitation at school.

20. What type of mechanical energy does a resting stone have?

The diagram below shows a water source. Use it to answer questions 21 and 22.



21. State the function of part labeled B.

22. Why should such a water source be fenced?

23. Which element of weather prevents drought?

24. Mention a disease spread by brown ticks in cattle.

25. State one danger of buying drugs from shops.

26. Why does a maize plant produce a lot of pollen grains?

27. How does ironing of clothes promote personal hygiene?

28. Apart from the use of potato vines, give another method used to propagate sweet potatoes.
29. Give one similar primary sexual characteristic in both boy and girl adolescents.
30. How are the beaks of eagles adapted to their mode of feeding?
31. Explain why ice floats on water.
32. Why is it not advisable to clean one's ears using a sharp stick?
33. State one way a primary seven pupil can prevent tape worm infection.
34. Why is it necessary to weed crops at an early stage?
35. Which deficiency disease in man causes body spasms?
36. Give one way of conserving vegetation in the environment.

Study the diagram below and answer the following questions.



37. What is the use of the medical instrument shown above?
38. Give one way of maintaining the above tool clean.
39. In which form does sound move?
40. Name one Arachnid which produces live young ones.

SECTION B (60 Marks)

41. (a) Name one fish which does not have scales on its body.

(b) How does the above fish protect itself from its enemies?

(c) State the importance of the following fins on a fish;

(i) dorsal fin.

(ii) caudal fin.

42. (a) Explain the meaning of resources.

(b) Give one example of;

(i) plant fibres

(ii) animal fibres

(c) State any one way of caring for plants in the compound.

43. (a) Give the meaning of seed germination.

(b) State any two conditions that can cause a seed to fail to germinate.

(i)

(ii)

(c) Why do crop farmers sort seeds before sowing them?

44. The table below shows tools used to give first aid and their functions.

Part A (tools)	Functions
Arm sling	killing germs on fresh wounds.
Cotton wool	tying around a fractured limb.
Bandage	cleaning wounds.
Iodine	keeping broken bone in position.

(a) arm sling

(b) cotton wool

(c) bandage

(d) Iodine

45. (a) Explain how the following vectors spread disease germs to people.

(i) housefly

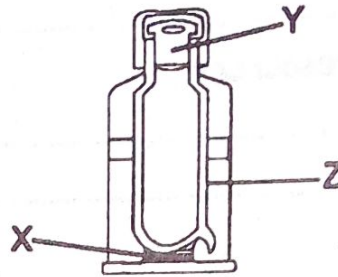
(ii) louse

(b) State any two ways of controlling diseases spread by vectors.

(i)

(ii)

46. The diagram below shows a thermos flask. Use it to answer the following questions.



(a) What is the function of a thermos flask?

(b) Of what use is part X and Y?

(i) X

(ii) Y

(c) Why is it advisable to fill the flask with the hot liquid up to part Y?

47. (a) What is mulching?

(b) Give any two reasons why farmers mulch their gardens.

(i)

(ii)

(c) Mention any one disadvantage of mulching.

48. (a) Why should a pig sty floor constructed while slanting?

(b) Give any two reasons why many farmers would prefer rearing pigs to cattle.

(i)

(ii)

(c) Name any one common disease affecting pigs.

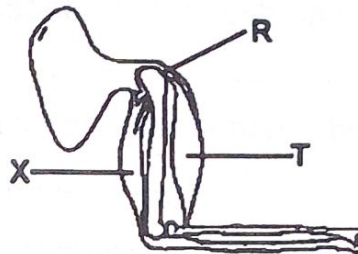
49. (a) Mention a permanent method of family planning in males.

(b) Why is the above mentioned method said to be permanent?

(c) In which part of the male reproductive organs are sperms stored?

(d) Apart from producing sperms, give another function of the testes.

50. The diagram below shows part of the human skeleton. Use it to answer the following questions.



(a) Name the joint marked R.

(b) What happens to muscles T and X when the arm is folded?

(i) T

(ii) X

(c) State one function of muscles in the body.

51. (a) Name one animal which uses echo for its movements.

(b) Give the functions of the following parts of the ear.

(i) ear ossicles.

(ii) cochlea.

(c) Apart from hearing, give another function of the ear.

52. (a) Give a similarity between a burn and a scald.

(b) Why is it bad to put cooking oil on a burnt skin?

(c) State two ways of controlling burns and scalds.

(i)

(ii)

53. (a) Give one example of a berry.

(b) State a difference between a seed and a fruit.

(c) Which mode of dispersion do the following plant fruits undergo?

(i) Mango

(ii) Silk cotton

54. (a) Which type of latrine separates faeces from urine?

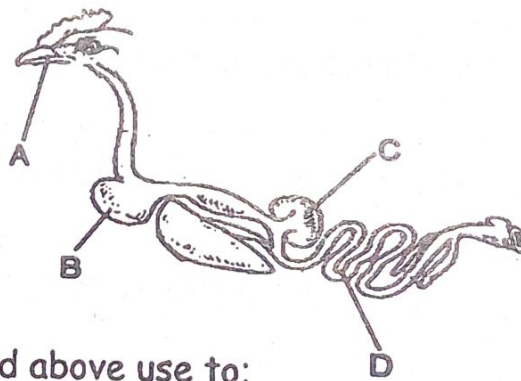
(b) Give two reasons why ash is used in latrines.

(i)

(ii)

(c) Which part of a VIP latrine allows in fresh air?

55. The diagram below shows the alimentary canal of a bird. Use it to answer the questions below.



(a) Which part does the bird above use to;

(i) store food?

(ii) grind food?

(b) What happens to digested food while in part D?

(c) Which process enables movement of food through the alimentary canal?

THE END