

TARGET EXAMINATIONS BOARD

TERM 2 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 One Term II – 2024

SECTION A (40 Marks)

1. What good practice should a person do after visiting a latrine?

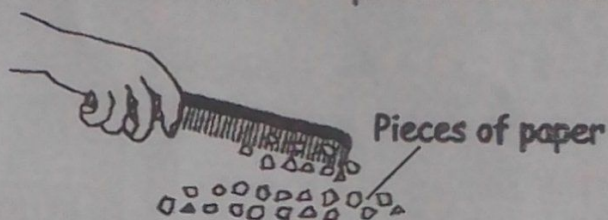
2. How do animals help to promote photosynthesis?

3. Which form of energy is possessed by a ball which has been thrown before it falls on the ground?

4. Give any one reason why some plants climb others.

5. State any one common use of sand at home.

The diagram below shows a comb which was rubbed on the hair and later attracted pieces of paper. Use it to answer questions 6 and 7.



6. Which type of electricity was produced when the comb was rubbed on hair?

7. Why was the comb able to attract pieces of paper?

8. Suggest any one practice that can help to control the spread of cholera in a school.

9. Apart from the kidney and lungs, name any one other excretory organ.

10. State any one reason why people plant trees around their houses.

11. How is the breathing of a bee different from that of a goat?

2. Give any one importance of soil to a plant.

Give a reason why a wet cloth is put on the body of a person with fever.

The diagram below is of a blood cell. Use it to answer questions 14 and 15.



14. What type of blood cell is shown above?

15. Give its function in the body.

16. State any one reason why plants are grouped among living organisms.

17. Name any one example of a leguminous crop.

18. How does a turtle protect itself from enemies?

19. Mention any one advantage of a deep litter system.

20. Give any one reason why air is regarded as matter.

21. Which class of food is suitable for people like wheelbarrow pushers?

22. Identify the part of air necessary for rusting.

23. Explain the meaning of drug misuse.

24. Give any one way of destroying a magnet.

25. Which body organ is attacked by ringworms?

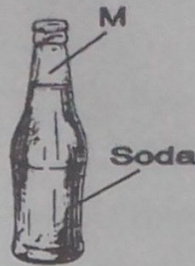
26. State any one way in which the use of biogas helps to protect the environment.

27. Why is it not necessary to put a cover lid in a ventilated improved pit latrine (VIP)?

28. Give any one way in which a person can become a passive smoker.

29. State the cause of an echo.

The diagram below shows a bottle of soda. Use it to answer questions 30 and 31.



30. Name the gas found in the space marked M.

31. Why is the above gas found in that space?

32. Why do some objects float on a basin full of water?

33. Name the worm that can enter our bodies through eating half cooked pork.

34. State the use of a clinical thermometer.

35. Name the device used to cut big trees in a home.

36. Give the meaning of germination.

37. State any one way people can benefit from bee wax.

38. What protects the spinal cord in human beings?

39. State any one characteristic which is common to all vertebrates.

40. Give the energy change that occurs in dry cells.

SECTION B (60 Marks)

41. While Janet was frying meat, hot cooking oil damaged her skin.

(a) Name the injury Janet got.

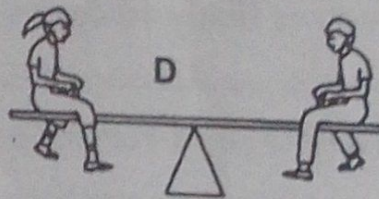
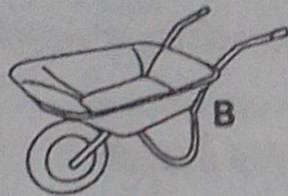
(b) Which first aid can be given to Janet?

(c) State any two importance of giving First Aid to a person like Janet.

(i)

(ii)

42. The diagrams below show simple machines. Use them to answer the questions that follow.



(a) Name the machine marked D.

(b) Which class of levers does the machine mark B belong?

(c) Indicate with letter P the position of the load on machine B.

(d) Name one other machine which belongs to the same class as D.

43. (a) Which mammalian system does a human heart belong?

(b) Which side of the heart carries;

(i) oxygenated blood?

(ii) deoxygenated blood?

(c) Which body organ adds oxygen to the blood?

44. (a) Which part of the following plants do we eat;

(i) Carrot?

(ii) Orange?

(b) State any two ways animals benefit from plants.

(i)

(ii)

45. Study the list of activities carried out by people in the environment and answer questions that follow.

- Fishing.
- Producing a lot of smoke in factories.
- Crop rotation.
- Throwing polythene bags on soil.
- Draining swamps.

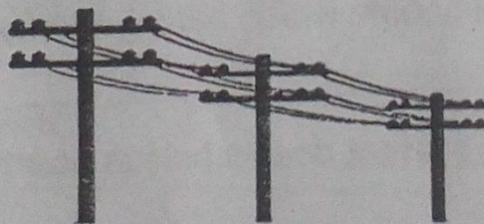
(a) Which activity is likely to cause pollution of the environment?

(b) Which activity is good for controlling crop pests?

(c) Which activity is likely to decrease the amount of rain fall?

(d) Why do you think the polythene bags can spoil the fertility of the soil?

46. The diagram below shows wooden poles with electric wires. Use it to answer questions that follow.



(a) Why are electric wires always placed very high up?

(b) Give any one reason why the wires are loosely fixed.

(c) What would happen to the wires if they were tightly fixed?

(d) Why are the wooden poles used to handle electricity?

47. (a) Which type of joints do the joints below belong:

(i) shoulder joint?

(ii) elbow joint?

(iii) wrist joint?

(b) State any one difference between the elbow joint and the shoulder joint.

48. (a) Name the process involved when;

(i) water changes to ice

(ii) steam changes to water

(b) Give two examples of chemical changes.

(i)

(ii)

49. (a) Give any two ways of preventing malnutrition among children.

(i)

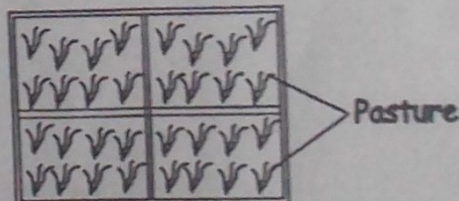
(ii)

(b) State any two reasons why people should include proteins in the diet.

(i)

(ii)

50. The diagram below shows a method of grazing cattle. Use it to answer questions that follow.



(a) Name the method of grazing shown above.

(b) Give any two advantages of the above method of grazing.

(i)

(ii)

(c) State any one disadvantage of the above method.

51. (a) Give any two reasons why the rabbit house is usually raised above the ground.

(i)

(ii)

(b) State any two reasons why the wire mesh is used in building of a rabbit house.

(i)

(ii)

52. (a) Suggest any two importance of taking children for immunisation.

(i)

(ii)

(b) State any two importance of the child's health card.

(i)

(ii)

53. (a) Which group of vertebrates do the animals below belong;

(i) toad?

(ii) bat?

(b) Give two examples of climbing birds.

(i)

(ii)

54. (a) Give two reasons why a puffball is not a plant.

(i)

(ii)

(b) Name any two plants that reproduce like a puffball.

(i)

(ii)

55. (a) Give any two types of leaf venation.

(i)

(ii)

(b) Which type of leaf venation is found in;

(i) rice?

(ii) beans?

THE END