

TARGET EXAMINATIONS BOARD

TERM TWO ASSESSMENT - 2022

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Pupil's Name:

Pupil'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

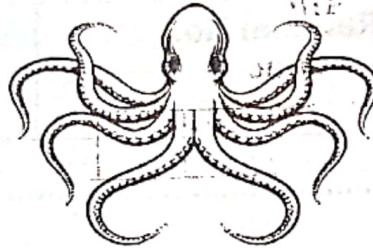
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

"For examiner's use only".

SECTION A (40 Marks)

1. Give any one example of a primate.
.....
2. Which type of weather makes the temperatures of the day to be high?
.....
3. Suggest any one importance of personal hygiene.
.....

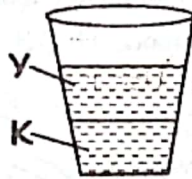
The diagram below shows an invertebrate. Use it to answer questions 4 and 5.



4. Name the invertebrate shown above.
.....
5. Which group of invertebrates does it belong?
.....
6. Why should young children eat more frequently than adult people?
.....
7. Mention any one hormone produced by the ovaries of a female human being.
.....
8. Which gas is taken in by plants at night?
.....
9. How is a burn similar to a scald?
.....
.....
10. State any one difference between a VIP and an ordinary pit latrine.
.....
.....
11. Why is the free range system of poultry rearing suitable in rural areas?
.....
12. Which group of vertebrates does a tortoise belong?
.....
13. Explain the meaning of the term apiculture.
.....
.....
14. Name the fungus that enables the manufacture of penicillin.
.....

15. What name is given to the smallest bone of the human skeleton?

The diagram below shows the mixture of water and cooking oil. Use it to answer questions 16 and 17.



16. Name the component of the mixture marked Y.

17. Why did substance marked K settle at the bottom?

18. How is the trachea adapted to its function?

19. How does the treatment of water with chemicals make it safe for drinking?

20. Name the structure that helps in the carrying of an injured person who cannot walk.

21. Name the type of latrine which is commonly used by young children.

22. What do we call the practice of keeping an environment clean?

23. Identify any **one** effect of alcoholism on an individual.

24. What will happen if people are made to pay for the immunization services?

25. Name the digestive juice produced by the liver.

26. How does the sanitizing of hands help to prevent and control the spread of COVID - 19?

27. Which group of birds does the rhea belong?

28. Identify the type of soil that has the lowest capillarity.

29. Which state of matter does heat travel slowest?

30. Mention any one percussion instrument.

The diagram below shows an arthropod. Use it to answer questions 31 and 32.



31. Name an arthropod shown above.

32. Which group of arthropods does it belong?

33. What causes yellow fever?

34. Which type of teeth are chisel shaped?

35. Name the type of germ which is the smallest.

36. State any one tick bone disease in cattle.

37. Give any one way of controlling the spread of typhoid.

38. How does a person seated near a charcoal stove when cooking receive heat?

39. Mention the type of energy possessed by the rolling ball.

40. Which term is used to mean the quantity of matter contained in a body?

SECTION B (60 Marks)

41. (a) Suggest any two ways in which food can get contaminated.

(i)

(ii)

(b) Give any **two** methods of preserving food.

(i)

(ii)

42. (a) Give any **two** importance of the earth worm to a crop farmer.

(i)

(ii)

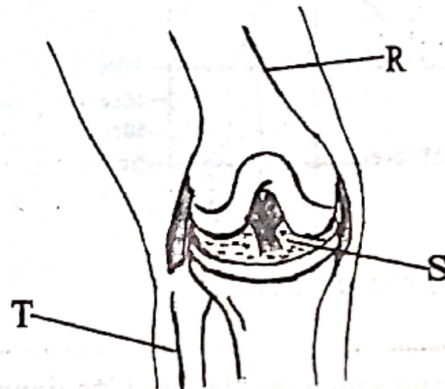
(b) Why does an earth worm die when oil is poured on its skin?

.....

(c) Why do you think that the hook worm can cause anaemia on its host?

.....

43. The diagram below is of a joint. Use it to answer questions that follow.



(a) Name the parts marked R and T.

(i) R

(ii) T

(b) State the function of part marked S.

.....

(c) Identify the food nutrient that promotes the growth of strong bones and teeth.

.....

44. (a) Mention the recommended distance of a latrine from the following places.

(i) **Water source**

(ii) **A school**

(b) State any **two** ways of keeping a latrine clean.

(i)

(ii)

45. (a) Give any **two** Primary Sex characteristics in girls.

(i)

(ii)

(b) Mention any two Secondary Sex characteristics in girls.

(i)

(ii)

46. (a) Identify any three diseases that attack the respiratory system.

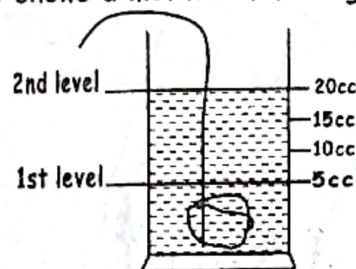
(i)

(ii)

(iii)

(b) Give any one way of promoting the proper working of the respiratory system.

47. The diagram below shows a method of finding volume.



(a) Which method is shown above?

(b) If the mass of the stone is 60g. Find its density.

(03marks)

48. The sentences below are in a wrong order, re-arrange them to make correct steps of preparation of the ORS.

(a) Measure one leveled teaspoon of salt and eight leveled teaspoons of sugar in water.

(b) Mix the salt and sugar into water well to make a solution.

(c) Wash hands with clean water and soap.

(d) Measure a litre of boiled but cooled water in a container.

Correct order

(a)

(b)

(c)

(d)

49. Match A and B correctly.

A	B
Clay soil	causes soil erosion
Terracing	ability of a seed to germinate
Deforestation	has the lowest drainage
Seed viability	controls soil erosion

- (i) Clay soil
- (ii) Terracing
- (iii) Deforestation
- (iv) Seed viability

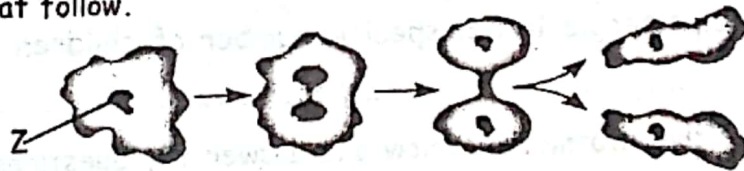
50. (a) Name the major source of heat energy on earth.

(b) Give any two uses of heat.

- (i)
- (ii)

(b) How does heat affect the temperature of an object?

51. The diagram below shows the mode of reproduction of a living thing. Use it to answer questions that follow.



(a) Name the part marked Z.

(b) Identify an organism that uses the above mode of reproduction.

(c) Name the method of reproduction shown above.

(d) Name the disease caused by the above organism.

52. Study the types of changes below and answer questions that follow.

flowering, burning, solidification, respiration

(a) Which of the above changes is;

(i) a chemical change

(ii) a physical change

(b) Which **two** changes can be classified together?

(i)

(ii)

(c) Give any **one** characteristic of a biological change.

53. (a) Mention any **two** breeds of goats reared for milk production.

(i)

(ii)

(b) Which breed of sheep is reared for wool production?

(c) Name the body part of the goat that can be used to make buttons.

54. (a) state any **two** principles of Primary Health Care.

(i)

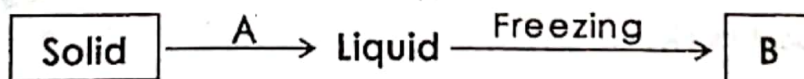
(ii)

(b) Give the elements of PHC that;

(i) gives people information on health issues.

(ii) helps people to get specific number of children.

55. Study the information below and answer the questions that follow.



(a) Name the process marked A.

(b) Which state of matter is marked B?

(c) What is **matter**?

(d) Identify any **one** example of matter which exists as a gas.

THE END