SEETA JUNIOR SCHOOL

PRE-PLE SET 3

2026

INTEGRATED SCIENCE

PRIMARY SEVEN

Time Allowed: 2 hours 15 minutes

Index No.	**RANDOM NO.** :						**PERSONAL NO.**		

Candidate's Name : .....

Candidate's Signature : .....

Emis No. : .....

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

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**.
2. Section **A** has 40 questions (40 marks)
   Section **B** has 15 questions (60 marks)
3. Answer all questions. All questions to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a blue or black ball-point pen or fountain pen.
5. Unnecessary changes of work may lead to **loss** of marks. All diagrams must be drawn in pencil.
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"**

FOR EXAMINERS' USE ONLY		
Qn. No.	**MARKS**	**EXRS' IN.**
1 – 20		
21 – 30		
31 – 50		
51 – 53		
54 – 55		

SECTION A. (40 Marks)

Answer all questions in this section

Questions 1 to 40 carry one mark each

1. Name the accident whose first aid is administered by the help of splints.

_____

2. Give any one way in which the stomach is important during digestion.

_____

3. State any one way of controlling multiplication of organisms that spread germs.

_____

4. State how the musical instrument used to officiate matches produces sound.

_____

5. Name the body organ that regulates the amount of water in the human body.

_____

6. Give any one way in which plants depend on animals in the environment.

_____

7. Give any one reason why a goat shed should be built with a slanting floor.

_____

8. In the space provided below, draw a diagram to show the type of reflection that occurs on a smooth shiny surface.

9. State how salting preserves food.

_____

10. Mention the way in which breastfeeding boosts the immunity of a baby.

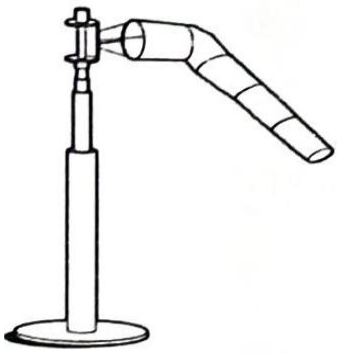
_____

_____

11. Give any one sign and symptom of dysentery in humans.

_____

The diagram below shows a weather instrument. Use it to answer questions 12 and 13.



12. Name the element of weather that helps the above weather instrument to operate.

_____

13. Give any one way of promoting the effectiveness of the above weather instrument.

_____

14. State any one way in which plants conserve the environment.

_____

15. Mention any one farm activity done by poultry farmers using heat energy.

_____

16. Give any one method you can use to remove impurities from water.

_____

17. State a reason why it is not advisable to use cold water when applying tepid sponging.

_____

18. Give any one way an adolescent can manage body odour.

_____

19. Give any one way through which a school health prefect can promote PHC at school.

_____

20. Mention any one energy resource obtained from water.

_____

21. State any one effect of strong wind to crop farmers.

_____

22. Name the intestinal worms that enter our bodies through drinking contaminated water.

_____

23. State how sheep farmers protect their sheep against flystrikes.

_____

24. Give any one reason why a spade is grouped under simple machines.

_____

The diagram below shows a flying mammal. Use it to answer questions 25 and 26.



25. Give a way through which the above animal is able to fly.

_____

26. State how the above animal is able to dodge obstacles during its flight.

_____

27. Write down the appropriate First Aid for an insect in the eye.

_____

28. Give any one situation that proves that light travels faster than sound.

_____

29. Mention any one example of an item used in harvesting rain water.

_____

30. Give the reason why a sweet potato garden does not require to be mulched.

_____

31. State a way in which soda manufacturers prevent soda bottles from breaking when soda freezes.

_____

32. Name the membrane that protects the eyes of a bird as it is flying.

_____

33. State any one way in which unwanted plants in the garden lower crop yields.

_____

34. Give any one way of reproducing stored sound.

_____

35. State any one characteristic of chemical changes.

_____

36. A P.7 pupil calculated the Mechanical Advantage (M.A) of a machine with an effort of 40N used to move a load of 80N and gave 2N as the answer. Identify the error in the pupil's answer.

_____

_____

_____

_____

37. State any one way in which performing regular physical exercises benefits the respiratory system.

_____

38. Give any one feature used to identify a vein.

_____

39. State any one importance of maternal and child health care as an element of PHC.

_____

40. Give any one difference between a clinical thermometer and a six's thermometer.

_____

SECTION B: 60 MARKS

Answer all questions in this section

Questions 41 to 55 carry four marks each

41. a) State any two ways of controlling effects of flowing water in a home compound.

i) _____

ii) _____

b) Give a way in which each of the ways you have given in (a) above controls the effects of flowing water in a home compound.

i) _____

ii) _____

42. a) Name the mineral salt lost through breastfeeding.

_____

b) Give any one challenge faced by breastfeeding mothers.

_____

c) State one reason why babies should be fed regularly.

_____

d) Apart from proper and regular feeding, give any one other way of caring for babies.

_____

43. The diagram below shows a form of drug abuse. Use it to answer the questions that follow.



a) Identify the form of drug abuse shown above.

_____

b) Give two ways in which the above form of drug abuse is dangerous to a pregnant mother.

i) _____

ii) _____

c) Write down any one life skill that can help a person to safeguard against the above form of drug abuse.

_____

44. a) State how a fuse protects electrical appliances from damage.

_____

_____

b) Write down any one other component of an electric circuit apart from a fuse.

_____

c) Give two ways in which magnets are useful in our daily life.

i) _____

ii) _____

45. a) Name the sanitary tool used to provide clean flowing water for washing hands.

_____

b) Give a reason why stagnant water around a home should be drained.

_____

c) Apart from draining stagnant water, state any two other ways of promoting cleanliness in a home.

i) _____

ii) _____

46. a) Write down any two ways through which people misuse latrines.

i) _____

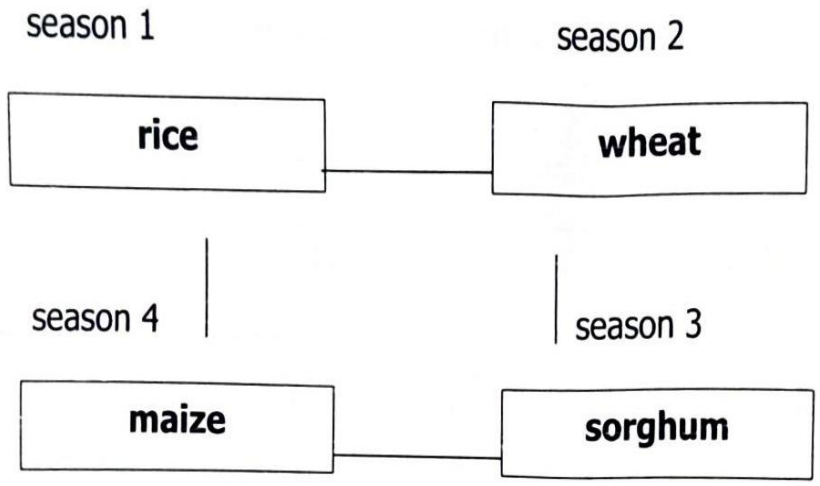
ii) _____

b) State any two importance of using a latrine correctly.

i) _____

ii) _____

47. <u>The diagram below shows a crop growing practice carried out by a farmer. Use it to answer the questions that follow.</u>



a) Name the above crop growing practice.

_____

b) Give a reason to support your answer in (a) above.

_____

c) Explain how the above crop growing practice affects the yields of a crop farmer. (02 marks)

_____

_____

48. a) State any one form of antisocial behaviour.

_____

b) Give two ways in which good behaviour of elders in the community controls antisocial behaviour in the youth.

i) _____

ii) _____

c) Mention any one danger of antisocial behavior in the community.

_____

49. a) You are provided with the following materials;
open bottle, burning charcoal stove, lid and cold water.
Describe an experiment to show that air exerts pressure using the above materials.

_____

_____

_____

_____

_____

_____

_____

_____

50. a) Give any two signs of a healthy rabbit.

i) _____

ii) _____

b) State how free air circulation is promoted in a hutch.

_____

c) Write down any one way of caring for a rabbit.

_____

51. a) Give any one way in which joints allow friction free movement in the human body.

_____

b) Name the disorder that affects muscles when they are overstretched.

_____

c) State any two ways in which muscles are important in the human body.

i) _____

ii) _____

52. In the table below, A shows terms used in measurement while B shows the meaning of each term.

A	B
Density	Amount of liquid a container can hold
Mass	Amount of space occupied by an object
Volume	Quantity of matter contained in an object
Capacity	Mass per unit volume of a material

a) Match correctly the terms in A with their meaning in B.

Density _____

Mass _____

Volume _____

Capacity _____

53. a) Give the meaning of the term swamp reclamation.

_____

_____

b) State any one reason why people reclaim swamps.

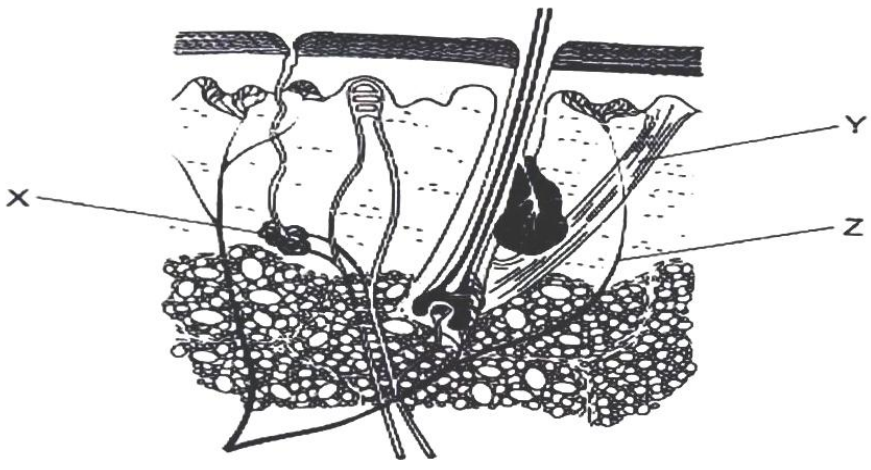
_____

c) Mention any two ways in which swamp reclamation is dangerous.

i) _____

ii) _____

54. The diagram below shows the human skin. Use it to answer the questions that follow.



a) Name the part marked X.

_____

b) State the function of part Y.

_____

c) State how part Z is similar to the optic nerve of the human eye.

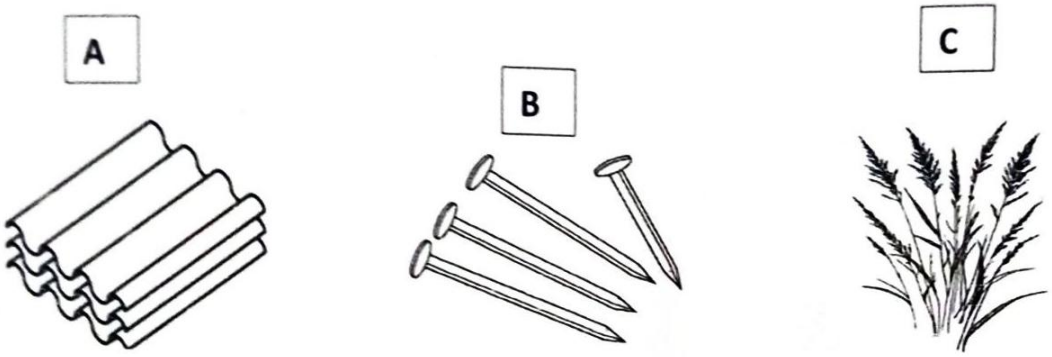
_____

_____

d) Give any one way in which the human skin regulates body temperature on a cold day.

_____

55. The diagrams below show materials used in building a house. Use them to answer the questions that follow.



a) Name the type of house built using material C.

_____

b) Mention any one other material used to build the type of house you have named above.

_____

c) State how material B is useful when building a house.

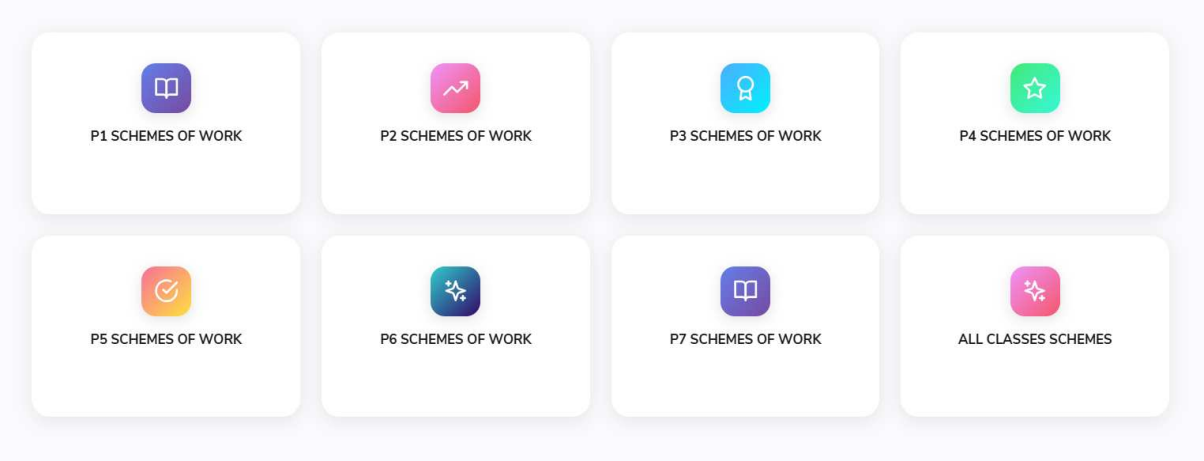
_____

d) Give any one way in which a house promotes the health of people.

_____

*****END*****

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