



# SERERE PRIMARY SCHOOLS JOINT TERM THREE PRE-PLE ASSESSMENT SET ONE 2024 PRIMARY SEVEN



## INTEGRATED SCIENCE

Time Allowed : 2 Hours 15 Minutes

Index No.

Random No.						Personal No.		

Name:.....

School:.....

Signature:.....

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

1. The paper has two sections: A and B
2. Section A has 40 questions ( 40 marks)
3. Section B has 15 questions (60 marks)
4. Answer All questions. All answers to both section 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  
Diagrams should be drawn 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 boxes indicated for examiners' 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		

Turn Over

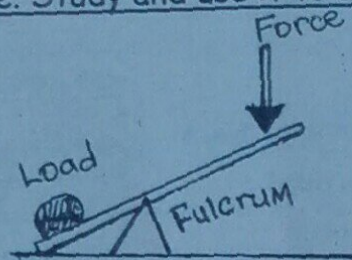
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## SECTION A

1. Give any one example of a poultry vice.
2. Mention any one instrument kept in a Stevenson screen.
3. How do tapeworms enter into our bodies?
4. State the importance of a heart in the human body.
5. Why should our living houses be properly ventilated?
6. Name any one breed of goats kept for milk production.
7. Mention any one way of controlling crop pests in a garden.
8. How is child health card useful to a mother?

Below is simple machine. Study and use it to answer questions 9 and 10.



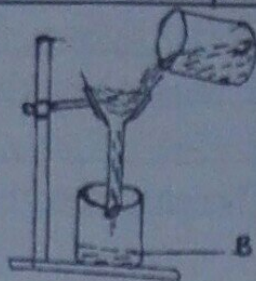
9. Name the type of simple machine shown above.
10. To which class of levers does it belong?
11. Write any one activity carried out to control ticks in animals.
12. Apart from mohair, mention any other example of an animal fibre.
13. How are gills important to a mushroom?
14. Mention any one good health life style that keeps body organs in proper working conduction.
15. What name is given to the arrangement of veins in a leaf?



16. Name the product got from a bull used for making drums.

17. Wakoli makes local beers (alcohol) every week, Identify the chemical change that helps her to make the local beer.

The diagram below shows a method of separating mixture. Use it to answer questions 18 and 19.



18. Name the method of separating mixtures shown above.

19. Identify the content marked B.

20. Which nutritional deficiency disease is likely to attack a child who lacks carbohydrates in his body?

21. How are incisor teeth adapted to their function?

22. State any one way preventing rusting of metals.

23. What force is reduced by making rough surface smooth?

24. Mention any one importance of shadows to people.

25. State one way of increasing the strength of an electromagnet.

26. Which disease vector spreads river blindness to people?

The diagram below shows a man suffering from a certain disease. Study and use it to answer questions 27 and 28.





27. Name the insect borne disease that causes swelling of legs of the man above.

28. Which insect vector spreads the disease that causes the legs of the man to swell as shown above?

29. State any one method that can be used prepare a simple dish at home.

30. Apart from protection, give one other reason why chameleons camouflage.

31. How is the propagation of carrots different from that of cassava yet they are all root tubers?

32. Name the natural process in plants that increases the amount of oxygen in the atmosphere.

33. What is the importance of a gallbladder to a human being?

34. In which one way can mulching be a disadvantage to crops?

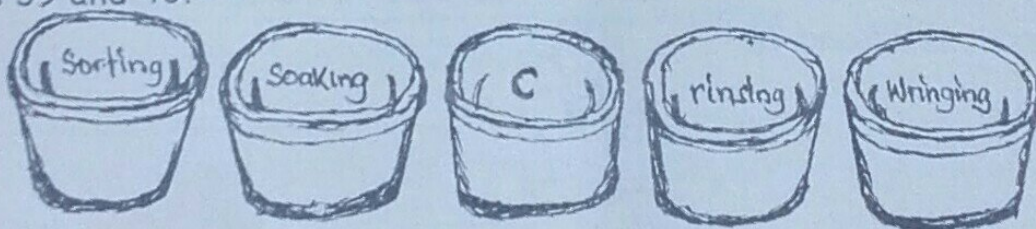
35. Mention the commonest methods of milking carried out by cattle keepers in rural areas.

36. Why is the trachea open all the time?

37. By what process do plants absorb water and mineral salts from the soil?

38. How is the use of solar energy friendly to our environment?

The illustration below shows steps taken when clearing clothes. Use it to answer questions 39 and 40.



39. Name the activity that is done in basin with letter C.



40. Give any one importance of soap and detergents during activity in basin C.

### SECTION B

41. (a) Name the energy sources used for:

(i) Mopping \_\_\_\_\_

(ii) Drying clothes \_\_\_\_\_

(b) State any one reason why wind is called an energy source.

(c) Which form of energy is used for cooking?

42. (a) Define the term magnetization.

(b) Give one method of magnetization which does not need the use of magnets.

(c) What name is given to the magnet made by the method mentioned in (b) above?

(d) Mention any one way of preventing demagnetization.

43. Jothan stepped on a burning charcoal by accident and immediately removed his foot.

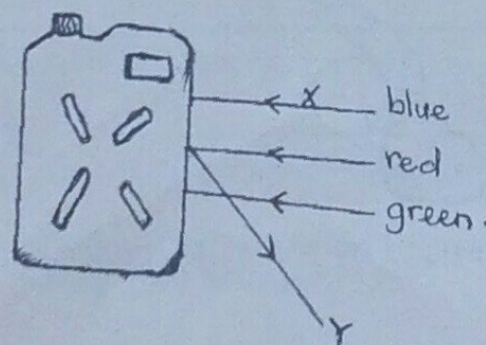
(a) What name is given to the injury Jothan got?

(b) Which part of the body sensed this type of injury?

(c) Name the degree of the above injury where Jothan can get blisters.

(d) What first aid would you give to Jothan?

44. The diagram below shows light rays of different colours striking a jerrican. Study and use it to answer questions that follow.





a) Name the light rays marked X and Y

(i) X \_\_\_\_\_

(ii) Y \_\_\_\_\_

b) By observing the diagram above critically, what is the colour of the jerrican?

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

45. a) What are scavenger birds?

b) Name any two scavenger birds?

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

c) How are scavenger birds helpful to the environment?

46. a) What do the following animals use for protection?

(i) Caterpillar \_\_\_\_\_

(ii) Snails \_\_\_\_\_

b) How are some animals like lions dangerous to people?

c) Give any one animal which moves by crawling.

47. a) What name is given to a place where seedlings are raised?

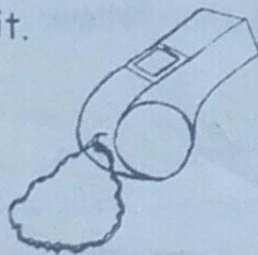
b) Mention two crops raised in such a place named above.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

c) Give one activity done to care for seedling mentioned above.

48. Below is a musical instrument used by the music dance and drama trainer. Use it to answer questions about it.



a) Name the musical instrument used by the music dance and drama trainer shown above



b) How does the instrument shown above produce sound?

c) To which group of musical instruments does the instrument shown above belong?

d) How does the sound produced by the musical instrument shown above reach to the children he is training?

49. a) A stone has a mass of 30g. find its volume if its density is 10g/cc (2marks)

b) Identify one method used in finding the volume of irregular objects like a stone.

c) Give a reason why some objects float on water.

50. a) Mention any two examples of energy resources in the environment.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

b) Give any one practice which pollutes air in the environment.

c) How does the use of hydroelectricity useful in the conservation of the environment?

51. a) State the importance of the following digestive juices

(i) Saliva \_\_\_\_\_

(ii) Bile Juice \_\_\_\_\_

b) Where does the chemical digestion of proteins begin?

c) How are roughes important during the process of digestion?

52. a) Name the part of a fish that enables it to:

(i) Smell food from water \_\_\_\_\_

(ii) Sense danger in water \_\_\_\_\_

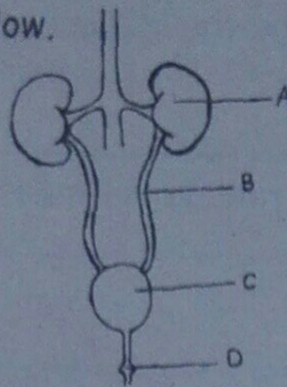


b) State any two ways in which a fish is able to live in water

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

53. The diagram below shows the position of the kidneys in the urinary system. Use it to answer questions that follow.



a) Give the function of A.

b) Name the part marked with letter.

B \_\_\_\_\_

c) Mention any one other organ of the excretory system apart from the one drawn above.

d) Mention any one disease that affect the above system.

54. a) How is a pest different from a parasite?

b) Write down any two parasites that can lower the quality of cattle hides.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

c) In which way can a farmer improve on the quality of cattle hides?

55. a) Give any one example of sexual deviation

b) Identify any one cause of sexual deviation.

c) Why do some societies condemn sexual deviations?

d) State any one way of avoiding sexual deviations.

END