

Primary Seven Integrated Science

TIME ALLOWED: 2 HOURS 15 MINUTES

NAME _____
SCHOOL _____
STREAM _____

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

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

FOR EXAMINER'S USE ONLY

SECTION	SCORES		REMARKS
	A	B	
TOTAL			

2. Section A has **40** questions (**40** marks)

and B has **15** questions (**60** marks)

3. Answer all questions in both sections A and B.

4. All answers must be written in the spaces provided in BLUE or BLACK ink
Only diagrams and graph work be done in pencil.

5. Unnecessary crossing will lead to loss of marks.

6. Poor handwriting, which can not be easily read, may lead to loss of marks.

Teacher's comment to the pupil

We follow the Abridged Curriculum

ORGANISED BY:

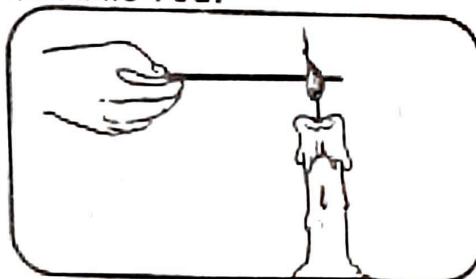


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SECTION: A (40 Marks)

(Questions 1 - 40 carry one mark each)

1. Name the form of energy that enables a person's eyes to function.
2. How is goat keeping important in your community?
3. By what process do plant roots absorb fresh water and mineral salts from the soil?
4. State the importance of promoting good sanitation in a community.
5. How does heat from the burning wood reach to Sarah's hand through the metallic rod?



6. Give any one example of a renewable resource.
7. How do bacteria reproduce?
8. What is the importance of the forked tongue to a snake?
9. Give a reason why animals make sound?
10. How is a frog similar to a fish in terms of reproduction?
11. Name any one example of a polygastric mammal.
12. Mention one fungus that is used in the making of antibiotics.
13. Give any one role of a health club in a school.
14. State any one way in which the spread of tape worms can be prevented.
15. How is cholera vaccine administered to people?
16. Write one structural difference between a cock and a hen.

17. Which digestive disorder is prevented by chewing food properly before swallowing?

18. Why is terracing practiced in certain parts of Uganda?

19. Name the force that enables a razorblade to float on water if carefully put.

20. Name the type of simple leaf shown below.



21. Why does a tortoise withdraw its legs and head when threatened?

22. Mention one way cooked food can be contaminated.

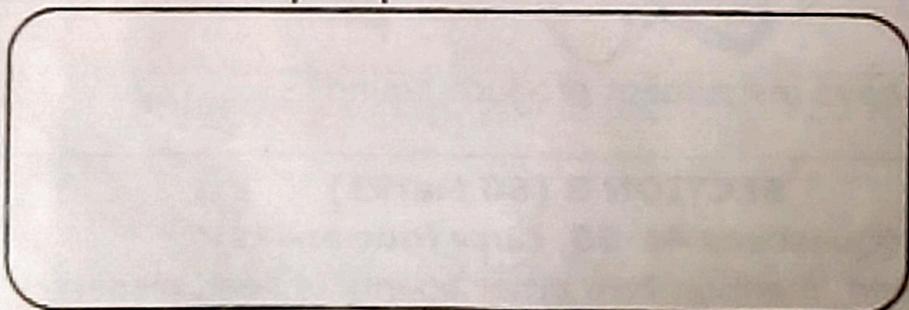
23. How is wind formed?

24. Name any one diseases of the human respiratory system caused by smoking.

25. Give any one sign of pregnancy in cows.

26. Give any one danger caused by smoke to the people around industries.

27. In the space provided below, draw a garden tool used for turning manure in the compost pit.



28. Which general name is given to materials that do not allow heat to pass through them easily?

29. Write one activity that helps to promote good sanitation in a home.

30. State **one** way school children can protect themselves from HIV and AIDS.

31. Name the class of food that helps to repair worn out body tissues.

32. Give any **one** way plants depend on animals.

33. What type of change takes place when fruit juice ferments into alcohol?

34. Mention **one** condition under which drugs should be stored?

35. Give any **one** characteristic of a bird of prey.

36. Apart from using medicine, state any other way of controlling the spread of coccidiosis in poultry.

37. Give any **one** harmful effect of polythene bags to soil.

38. State the method that can be used to obtain salt that has dissolved in water.

39. Give any **one** characteristic of a worker bee.

The diagram is of a musical instrument. Use it to answer question 40.



40. How does the above instrument produce sound?

SECTION B (60 Marks)

(Questions 41-55, carry four marks)

41(a) Apart from wind, mention **two** other agents of seed dispersal.

(i) _____

(ii) _____

(b) State any **two** characteristics of seeds dispersed by wind.

(i) _____

(ii) _____

42. Use the list below to answer the questions that follow.

House fly, snail, tick, goat

(a) Which mammals can be grouped together?

(b) Give a reason for your answer in (a) above.

(c) In which way is a goat different from other animals?

(d) How is a snail different from the rest of other animals?

43(a) State any two effects of heat on matter.

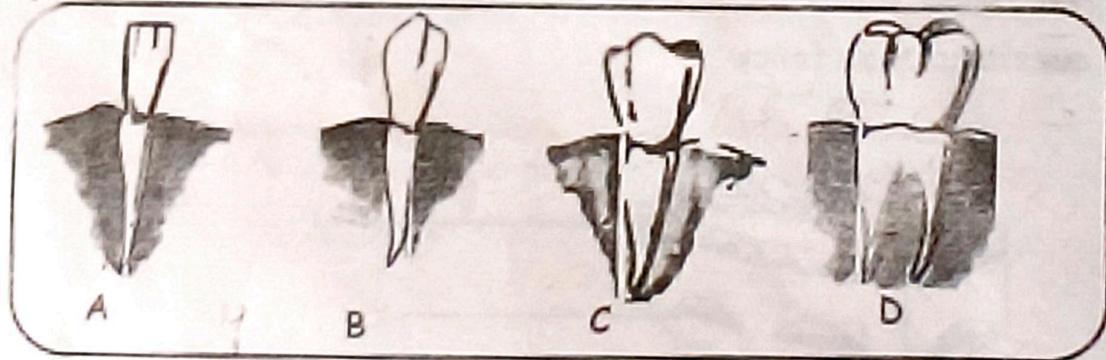
(i) _____

(ii) _____

(b) In which state of matter does heat travel fastest?

(c) What happens to the density of water when frozen?

44. The diagram below shows the types of teeth, use it to answer the questions that follow.



(a) Name the type of tooth marked with letter D.

(b) State the function of the type of teeth marked with letters:

(i) A _____

(ii) B _____

(c) How is tooth marked with letter C adapted to its function?

5 (a) How do crop farmers propagate the following plants:

(i) Cassava? _____

(ii) Carrots? _____

(b) State any **one** method used under natural vegetative propagation.

(c) Mention any **one** advantage of vegetative propagation.

46 (a) Give **two** functions of blood in the human body.

(I) _____

(II) _____

(b) In which **one** way is food important in the human body?

(c) Mention **one** disease related to blood.

47 (a) Give any **two** traditional methods used to preserve food.

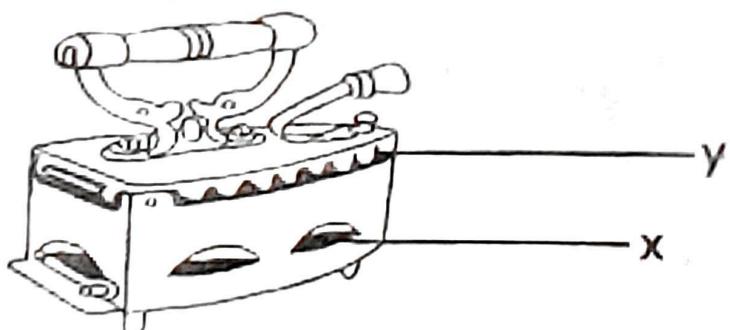
(I) _____

(II) _____

(b) Give any **one** reason why food should be preserved.

(c) State **one** danger of eating food which is contaminated.

48. The diagram below shows a charcoal box iron. Study and use it to answer questions that follow.



(a) Why is the handle of the iron box made of dry wood?

(b) State the use of each of the holes on the iron box marked:

(I) X _____

(II) Y _____

(c) How is heat transfer by conduction useful to people?

49. (a) Mention **two** raw materials required by plant leaves for the process of photosynthesis.

(I) _____

(II) _____

(b) Give a reason why a small leaf surface area slows down photosynthesis.

(c) State the importance of photosynthesis to the flowering plant.

Q (a) What do we call the diseases caused due to lack of some food values in the body?

(b) Give any two examples of the diseases mentioned above.

(i) _____

(ii) _____

(c) Name any one food staff rich in vitamin C.

I (a) Give any two signs of tuberculosis.

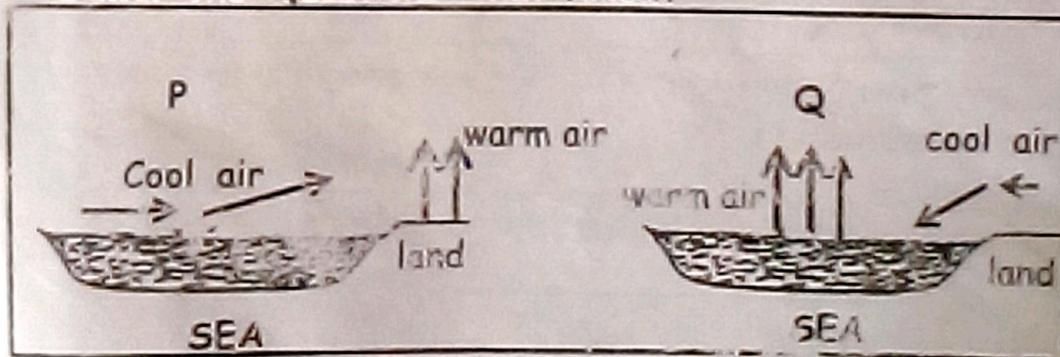
(i) _____

(ii) _____

(b) Which communicable disease shows signs and symptoms similar to that of tuberculosis?

(c) How can the spread of tuberculosis be controlled in the community?

2. The diagram below shows the process that takes place in nature. Use it to answer the questions that follow.



(a) Name the type of breezes shown above:

(i) P _____

(ii) Q _____

(b) When does the breeze marked Q take place?

(c) How are clouds formed?

53 (a) State the function of each of the following parts of a modern bee hive.

(i) The brood chamber _____

(ii) The honey chamber _____

(b) Give any **two** uses of bee wax to people.

(I) _____

(ii) _____

54. Match items in list A with those in list B correctly.

List A

(i) Barometer

List B

Rainfall

(ii) Thermometer

Atmospheric pressure

(III) Rain gauge

Direction of wind

(iv) Wind vane

Temperature

(i) Barometer _____

(ii) Rain gauge _____

(III) Thermometer _____

(iv) Wind vane _____

55 (a) State any **two** reasons people give for drinking alcohol.

(I) _____

(ii) _____

(b) Name any **one** body organ that is damaged due to excessive alcohol consumption.

(c) How can an individual avoid the habit of drinking alcohol?

