NEXT EXAMINATIONS BOARD

END OF YEAR 2026 (PROMOTIONAL SET)

PRIMARY SIX

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Name: .....

Signature: .....

School: .....

FINAL MARK SCORED	

Read the following instructions carefully:

1. Do not forget to write your **name** and **school name** anywhere on this paper.
2. This paper has **two** sections: **A** and **B**. Section A has **40** questions and Section B has **15** questions. The paper has **12 printed pages** altogether.
3. Answer **all** the questions. **All** answers 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 ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

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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SECTION A (40 MARKS)

Answer all questions in this section. Questions 1 to 40 carry one mark each.

1. Name any one example of a root tuber.

.....

2. Which disease can one suffer from due to lack of enough water for cleaning the eyes?

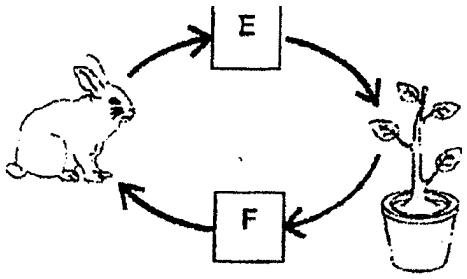
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3. Give one reason why small stones are added to poultry feeds.

.....

.....

The diagram below shows gas exchange between an animal and a plant. Use it to answer questions 4 and 5.



4. Name the gas represented by letter E.

.....

5. Name the process by which the plant uses gas E to make its food.

.....

6. Why is it important to iron clothes after washing them?

.....

.....

7. Give one use of an arm sling when giving first aid to a casualty with a fractured arm.

.....

.....

8. Apart from ferns, name one other plant that reproduces by means of spores.

.....

9. State one disadvantage of over depending on artificial fertilizers to improve soil fertility.

.....

.....

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10. State one reason why mercury is preferred to alcohol for use in thermometers.

.....

.....

FOR EXAMINERS' USE ONLY	
1 - 10	

11. Mention any one characteristic which enables some flowers to get pollinated by insects like bees.

.....

.....

12. How can the breeding of mosquitoes be controlled in a home?

.....

.....

13. Which method of harvesting trees is suitable for obtaining wood for electric poles?

.....

14. How is sharing drugs prescribed for a certain disease a dangerous practice?

.....

.....

15. Mention any one practice which helps to prevent vectors like flies from breeding in rubbish in a dustbin.

.....

.....

16. Which process in the environment leads to soil formation through breakdown of rocks into small particles?

.....

17. Mention any one factor which favours the breeding and growth of fungi.

.....

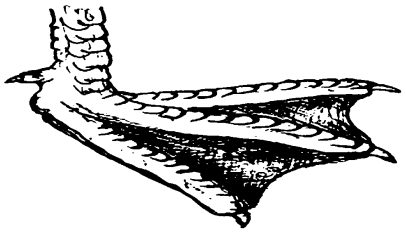
18. Why does a person lacking iron in the body develop anaemia after some time?

.....

.....

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The diagram below shows the foot of a bird. Use it to answer questions 19 and 20.



19. Name the group of birds to which the bird with the foot shown above belongs.

.....

20. How is the foot shown above useful to the bird?

.....

FOR EXAMINERS' USE ONLY	
11 - 20	

21. Which poultry disease is characterised by bloody droppings, ruffled feathers and reduced egg production?

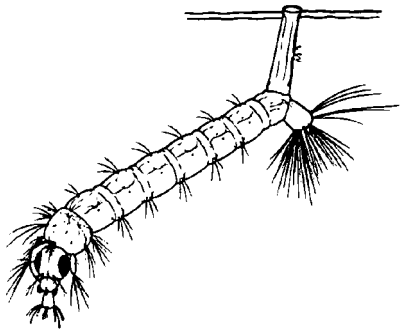
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22. Why is it dangerous to leave utensils outside on a rack for a long time?

.....

.....

The diagram below shows a stage of development in the life cycle of a mosquito. Use it to answer questions 23 and 24.



23. Identify the type of mosquito to which the above stage belongs.

.....

24. State any one way of controlling mosquitoes at the above stage.

.....

.....

25. What is pollution?

.....

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26. State the role of the oviduct in the female reproductive system.

.....

27. In which one way does a child get natural immunity?

.....

28. How is a burn different from a scald?

.....

.....

29. Which component of air occupies the largest percentage?

.....

The diagram below shows an invertebrate. Use it to answer question 30.



30. To which group of invertebrates does the animal shown above belong?

.....

FOR EXAMINERS' USE ONLY	
21 - 30	

31. Which type of clouds is a clear sign of rain?

.....

32. What role does a cotyledon play in a germinating bean seed?

.....

.....

33. Name the living organism that causes malaria in human beings.

.....

34. Why does digestion of starch begin in the mouth?

.....

.....

35. Give one benefit of using a strip cup in cattle management.

.....

.....

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36. Give one danger of burning polythene bags in the environment.

.....

.....

37. How does mulching help to maintain soil fertility?

.....

.....

38. What happens to the lungs when we breathe in?

.....

39. Give one advantage of using charcoal saving stoves for cooking to the environment.

.....

.....

40. Why do human beings use blankets to cover their bodies on cold nights?

.....

.....

FOR EXAMINERS' USE ONLY	
31 - 40	

SECTION B (60 MARKS)

Answer all questions in this section. Questions 41 to 55 carry four marks each.

41. a) State the importance of each of the following practices in soil conservation:

    i) Deep ploughing.

    .....

    ii) Strip cropping.

    .....

    b) Give any one property that makes loam soil the best for crop growing.

    .....

    c) Give any one reason why farmers are encouraged to use natural fertilizers instead of artificial fertilizers.

    .....

    .....

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42. a) State any two ways a baby boy can be identified from a baby girl at birth.

(i) .....

(ii) .....

b) Mention any one emotional change among adolescents.

.....

c) Give any one way information about reproductive health is important to adolescents.

.....

.....

43. a) Give any two examples of chemical changes.

(i) .....

(ii) .....

b) Write down any two characteristics of physical changes.

(i) .....

(ii) .....

FOR EXAMINERS' USE ONLY	
41 - 43	

44. Innocent was asked to investigate transpiration in plants. He was provided with the following materials: a potted plant and a string.

a) Mention one important item missing from Innocent's list.

.....

b) In four sentences, explain how Innocent can use the materials to prove that plants transpire.

.....

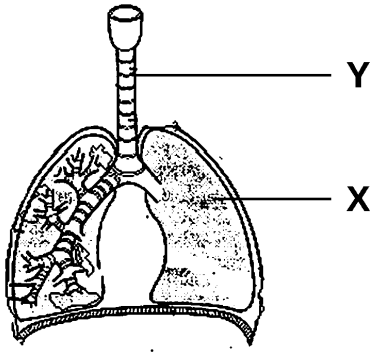
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45. The diagram below shows a respiratory organ. Use it to answer the questions that follow.



a) Name the parts marked by letters:

X .....

Y .....

b) Which process takes place in the part marked X?

.....

c) What helps the part marked Y to remain open all the time?

.....

46. a) Apart from wind, give two other agents of pollination in flowering plants.

(i) .....

(ii) .....

b) Name the part of a flowering plant that mainly does the following:

i) Manufactures food.

.....

ii) Absorbs water and mineral salts.

.....

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44 - 46	

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47. a) Give any two benefits of keeping cattle to farmers.

(i) .....

(ii) .....

b) Give one importance of each of the following management practices in cattle keeping:

i) Castration.

.....

ii) Ear tagging.

.....

48. Mr. Kato is a heavy smoker. He smokes cigarettes every evening in the one-roomed house where he lives with his wife and two young children. The children often cough and have breathing problems.

a) Name the type of smoking practised by:

i) Mr. Kato.

.....

ii) his young children.

.....

b) State one danger of smoking to the health of the children.

.....

.....

c) Mention one life skill that can help Mr. Kato to stop smoking.

.....

.....

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49. The table below shows a group of animals in list A and the groups they belong to in list B.

List A	List B
Lizards	Mammals
Newts	Birds
Rabbits	Reptiles
Penguins	Amphibians

Write against each animal below the group it belongs to from list B.

i) Lizard .....

ii) Newt .....

iii) Rabbit .....

iv) Penguin .....

FOR EXAMINERS' USE ONLY	
47 - 49	

50. a) Why is it dangerous to buy drugs from an unlicensed drug shop?

.....

.....

b) Name one danger of using expired drugs.

.....

c) How is the use of factory-made drugs an advantage over local drugs?

.....

.....

d) Name one drug of abuse.

.....

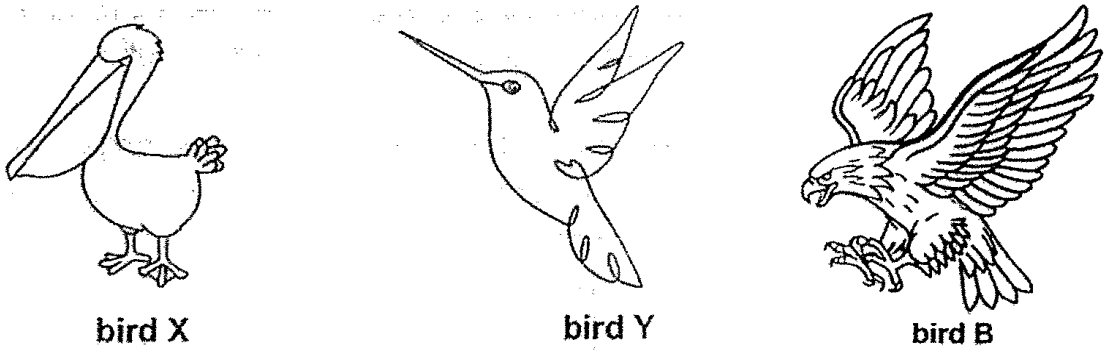
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51. The table below shows some immunisable diseases, the vaccine administered and the age at which immunisation takes place. Complete the table by filling in the missing information.

Disease	Vaccine	Age
Measles	i)	9 months
ii)	BCG	At birth
Polio	Polio vaccine	iii) .....
Hepatitis B	iv)	6 weeks

Write your answers on the dotted lines in the table.

52. The diagram below shows three different birds X, Y and B. Use it to answer the questions that follow.



bird X bird Y bird B

a) Which of the birds X, Y and B is likely to survive in a lake shore area with plenty of fish?

.....

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

.....

.....

c) Why is bird Y most likely to feed on nectar unlike the other birds in the list above?

.....

.....

d) State one structural adaptation of bird B that helps it to obtain food.

.....

.....

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50 - 52	

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53. a) Apart from filtration, give two other methods of separating impurities from water.

(i) .....

(ii) .....

b) Name two activities done in the process of cleaning clothes.

(i) .....

(ii) .....

54. a) State any two reasons why bees swarm.

(i) .....

(ii) .....

b) Give any two ways a bee keeper can care for bees in an apiary.

(i) .....

(ii) .....

55. The steps below show how to use the fire extinguisher shown in the diagram, but they are not in the correct order.



A. Squeeze the handle.

B. Pull the pin.

C. Sweep from side to side.

D. Aim at the base of the fire.

a) Rearrange the steps in the correct order by writing the letters only.

1st step .....

2nd step .....

3rd step .....

4th step .....

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53 - 55	

END

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