



PACE - PREPARE A CHILD EXAMINATIONS BOARD
PRIMARY FIVE BEGINNING OF TERM ONE EXAMINATIONS

2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Admission No.						Personal No.		

Pupil's Name:

Pupil's Signature:

School Name:

District Name:

Read the following instructions carefully:

- 1. Do not forget to write your **school** or **district name** on the 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.
- 3. Answer **all** questions. **All** working for both sections **A** and **B** must be shown 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		

SECTION A: 40 MARKS

Questions **1** to **40** carry **one mark** each

1. Name **the** protective structure of a snail.

.....

2. Which body organ makes use of air to function?

.....

3. Mention any **one** way in which people-made changes are dangerous to the environment.

.....

4. How does a white yam climb a nearby strong stick?

.....

5. Which vector that spreads river blindness to human beings?

.....

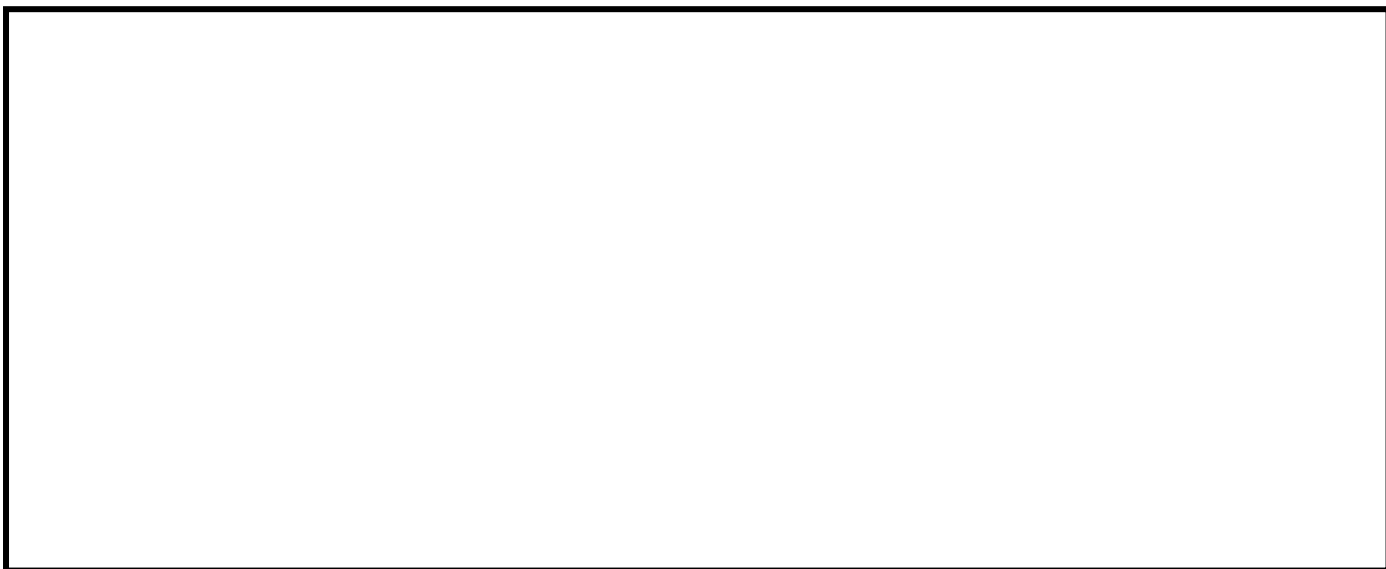
6. Why is a rat regarded as a wild animal?

.....

7. Give any **one** use of wearing gumboots during rainy season.

.....

8. In the space provided below, draw a garden trowel



9. Give any **one** physical difference between a hen and a chick.

.....

.....

10. Name **the** farm structure that has rat guards on its stands.

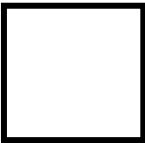
.....



The diagram below is of a plant. Study and use it to answer questions **11** and **12**.



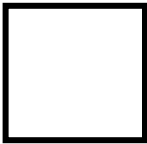
- 11. Name the plant shown above.
.....
- 12. Why is the above plant regarded as a perennial crop?
.....
- 13. In which **one** way is the brain similar to the ear in terms of function
.....
- 14. Give **one** reason why bush burning is not good in the environment.
.....
- 15. State the reasons to why people wash their hands before preparing **ORS**?.
.....
- 16. Apart from getting food, give **one** other reason why a chameleon changes its colour.
.....
- 17. What role is played by teeth during eating?
.....
- 18. Of what importance is soil to termites?
.....
- 19. What body organ is responsible for reasoning in the human body?
.....
- 20. Give any **one** danger of electricity at home.
.....



The diagram below is of a certain type of **leaf venation**. Study and use it to answer the questions **21** and **22** below.



- 21. Name the type of leaf venation shown above.
.....
- 22. Mention any **one** common plant with the type of the leaf venation you have mentioned in **21** above.
.....
- 23. What piece of advice would you give your friend with bad body odour?
.....
- 24. Name the medical instrument used by health workers to see germs.
.....
- 25. How does burning of rubbish help to control the outbreak of cholera.
.....
- 26. Mention any **one** breed of rabbits reared by farmers.
.....
- 27. Give any one class of food contained in breast milk.
.....
- 28. Which part of a fish performs the same function as the nose of a primary five pupil?
.....
- 29. State **one** danger of shadows to people.
.....
- 30. State any **one** use of a funnel to shop keeper.
.....

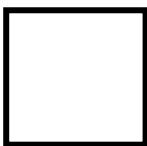


- 31. What the meaning of the term hardening off.
.....
- 32. Give any **one** way in which heavy rainfall dangerous in the environment.
.....
- 33. Mention any **one** wild bird in the environment.
.....

The diagram below shows children playing. Study and use it to answer the questions **34** and **35**.



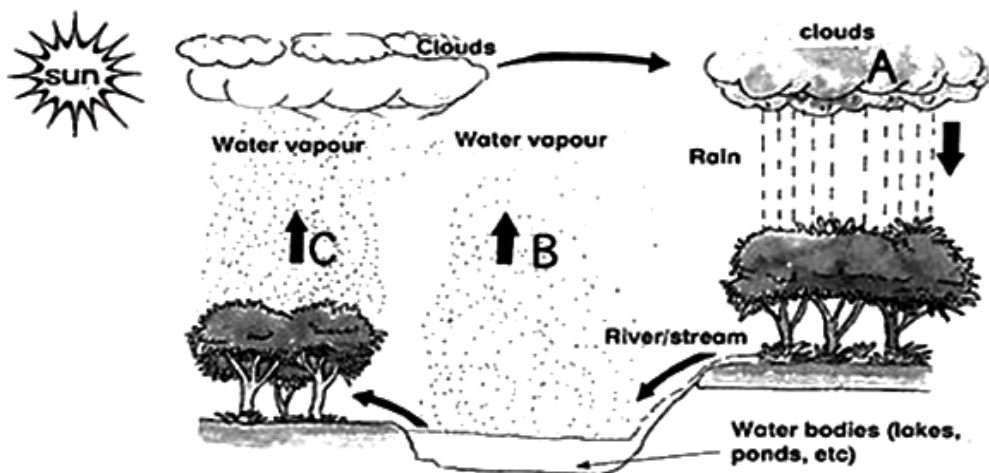
- 34. Name the physical body exercise shown above.
.....
- 35. State any **one** healthy importance of the above physical exercise to children.
.....
- 36. Give any **one** way of controlling soil erosion in the school compound.
.....
- 37. State the way maize crops benefit from prop roots.
.....
- 38. Give any **one** PIASCY message displayed in your school compound.
.....
- 39. State the reason to why people put on sweaters after it has rained.
.....
- 40. State **one** importance of a plate stand as a sanitary material.
.....



SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each

41. The diagram below shows a certain natural process. Study and use it to answer the questions that follow.

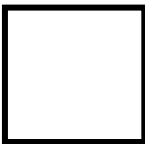


- (a) Name the natural process shown in the diagram above.
.....
- (b) From the above diagram, identify the component of the above natural process that brings rainfall to crops.
.....
- (c) State **one** importance of the process marked with letter **C** to crops.
.....
- (d) What is the role of the sun in the above natural process?
.....

42. (a) Give the meaning of the personal hygiene.
.....
.....
- (b) Mention any **one** way proper personal hygiene is maintained.
.....
- (c) State any **two** diseases that results from poor personal hygiene.
(i)
(ii)

43. (a) Name the intestinal worm that enters the body through;
(i) Bare feet
(ii) Eating undercooke pork

- (b) Give any **two** ways of controlling intestinal worm infestations in the human body.
- (i)
- (ii)



44. In the table below, Part **A** shows garden tools used by crop farmers and Part **B** shows their uses.

Part A: Garden tools	Part B: Use
Hand fork	For transplanting seedlings.
Rake	For marking specific locations in the garden.
Trawel	For collecting weeds/cut grass
Pegs	For light weeding.

Write the correct use to the garden tool in the space provided below.

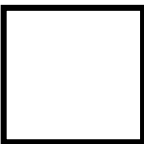
- (a) Hand fork
- (b) Trawel
- (c) Rake
- (d) Pegs

45. (a) Write down any **two** types of farm records kept on the rabbit farm.
- (i)
- (ii)
- (b) Give any **two** reasons why rabbit farmers keep records on their farms.
- (i)
- (ii)

46. The diagram below is of a human body organ. Study and use it to answer the questions that follow.



- (a) Name the human body organ shown above.
.....
- (b) State the function of the human body organ shown above.
.....
- (c) Give any **two** ways of caring for the above human body organ in good working conditions.
 - (i)
 - (ii)



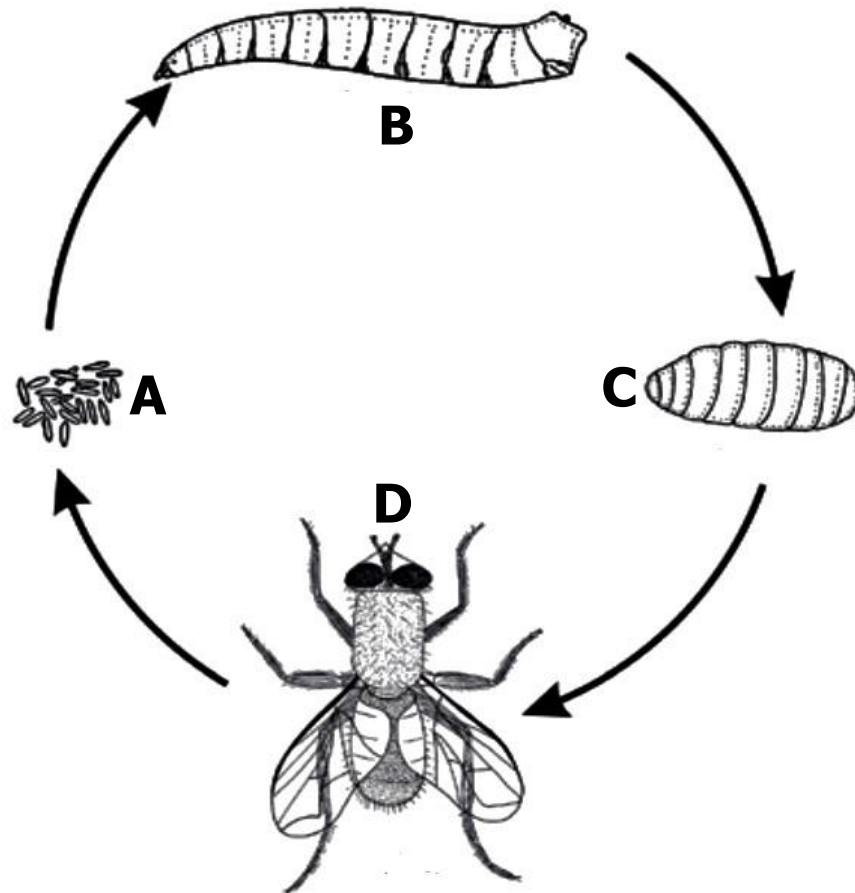
47. (a) Give the meaning of the term transpiration.
.....
.....
- (b) State the importance of transpiration in the environment.
.....
- (c) How is dew formed?
.....
.....
- (d) State any **one** in which plants help to promote health.
.....

48. A maid was boiling milk in the kitchen. She accidentally stopped on the firewood and hot milk poured onto her leg.
- (a) Name the type of accident the maid got.
.....
 - (b) What first aid would you give to her?
.....

- (c) State any **two** ways in which such accidents can be prevented .

.....
.....

49. The diagram below shows the lifecycle of a housefly. Study and use it to answer the question that follow.



- (a) Name the stage of the housefly marked with letters **A** and **C**.

(i) **A**

(ii) **C**

- (b) How is stage **B** important in the pit latrine?

.....

- (c) Which stage is similar to a bird in the way they fly?

.....

50. (a) Which component of air supports burning?



.....

- (b) Apart from the component of air you have mentioned in 48 (a) above, mention any **two** other components of air.

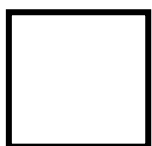
(i)

(ii)

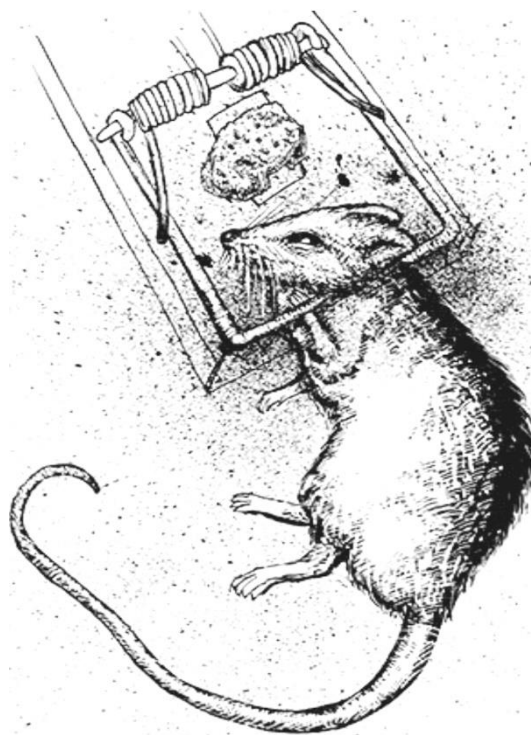
- (c) In which **one** way do people make use of the component of air you have mentioned in bii) above?

.....

51. (a) Give any **two** classes of food.
- (i)
 - (ii)
- (b) Write down any **two** signs of marasmus deficiency in the body.
- (i)
 - (ii)
52. (a) Give the function of the following parts of the tooth;
- (i) Dentine
 - (ii) Enamel
- (b) Write down any **two** causes of dental disorders.
- (i)
 - (ii)
53. (a) Identify any **two** common sources of energy in the community.
- (i)
 - (ii)
- (b) Give any **two** ways of saving energy at home.
- (i)
 - (ii)



54. The diagram below shows the tool used to control animal crop pests in the garden. Study and use them to answer the questions that follow.



- (a) Name the tool of controlling crop pests shown above.
.....
- (b) Mention any **two** crop pests controlled by the tool above.
 - (i)
 - (ii)
- (c) State any **one** advantage of using the above tool **over** pesticides.
.....

55. David wanted to carry out an experiment to show that soil contains water. He had the following items for the experiment; metallic tin, a glass cover.

- (a) Name **one** item David forgot to include on the list of his materials.
.....
- (b) What is the use of a glass cover in the experiment?
.....
- (c) Give any **two** ways in which water is important in the soil
 - (i)
 - (ii)

