



**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?

.....

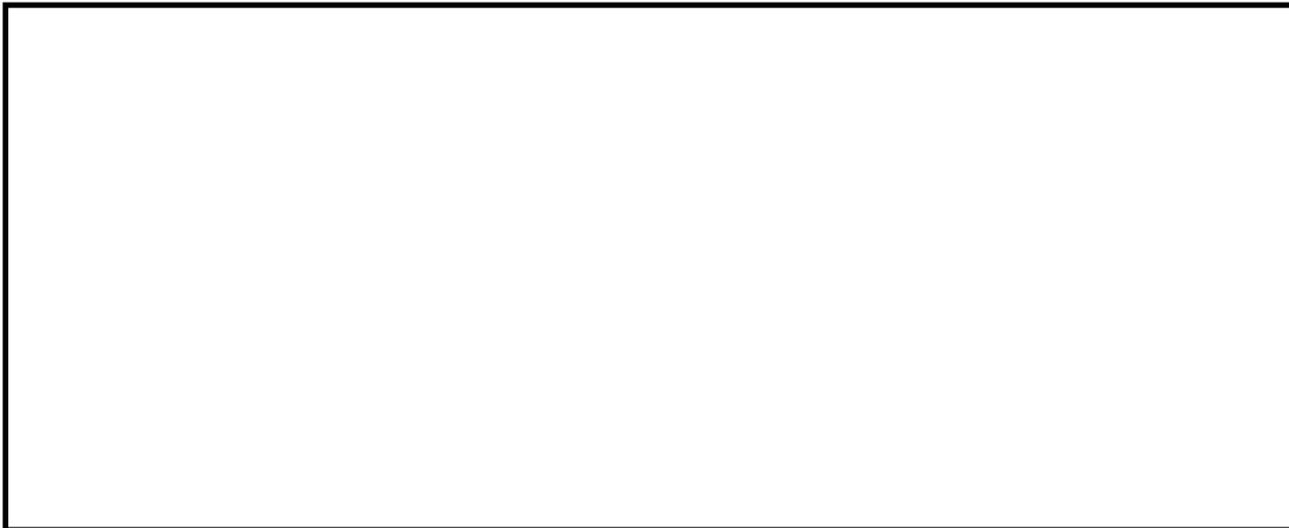
6. Why is a rat regarded as a wild animal?

.....

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**.



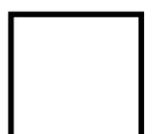
- 11. Name the plant shown above.
.....
- 12. Why is the above plant regarded as a perennial crop?
.....
- 13. In which **one** way is the brain similar to the ear in terms of function
.....
- 14. Give **one** reason why bush burning is not good in the environment.
.....
- 15. State the reasons to why 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.

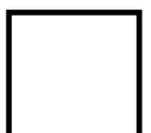
36. Give any **one** way of controlling soil erosion in the school compound.

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.

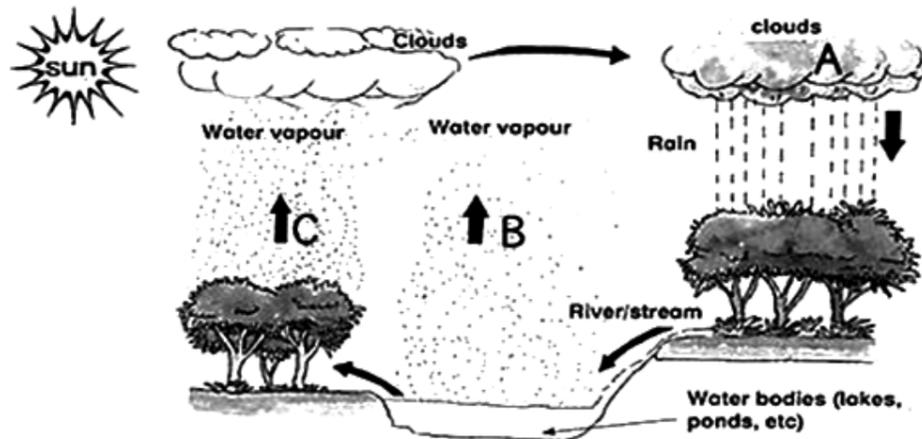
40. State **one** importance of a plate stand as a sanitary material.



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;

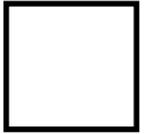
(i) Bare feet

(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.
Trowel	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) Trowel

(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 stepped on the firewood and hot milk poured onto her leg.

(a) Name the type of accident the maid got.

.....

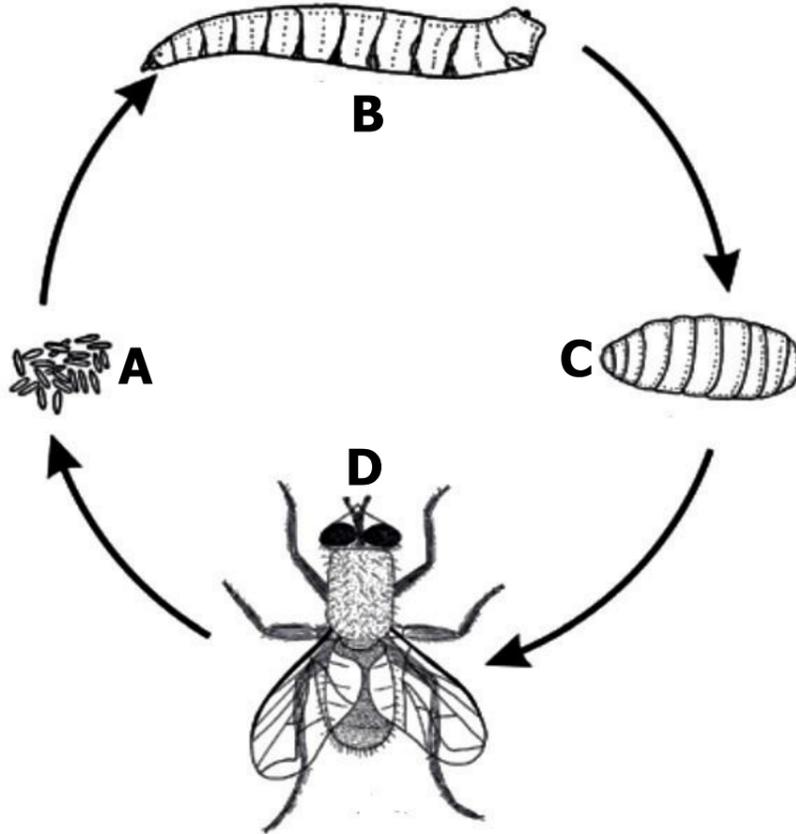
(b) What first aid would you give to her?

.....

(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)

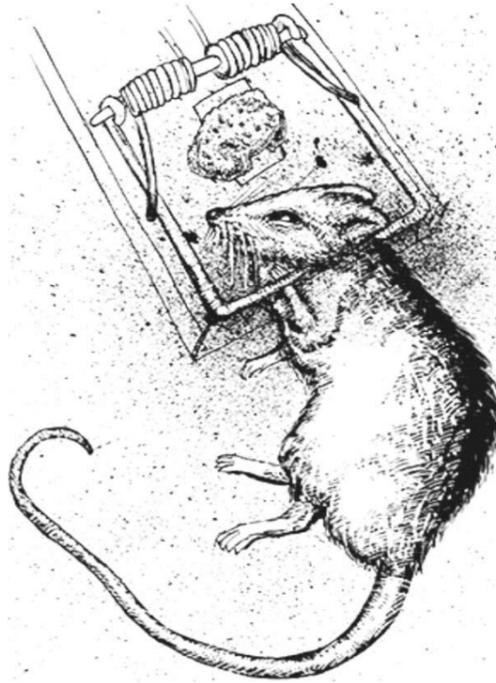
(c) In which **one** way do people make use of the component of air you have mentioned in bii) above?

.....

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)

