

MIDTERM EXAMINATIONS 2023
PRIMARY FIVE
INTEGRATED SCIENCE

NAME _____
SCHOOL _____
STREAM _____

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

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1** The paper is made up of two sections **A** and **B**.
- 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.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

SECTION: A (40 Marks)

(Questions 1 - 40 carry **one** mark each)

1. Name any **one** garden tool.

2. Give the best way of making water safe for drinking.

3. State any **one** important information found on a child health card.

4. Write any **one** example of a **PIASCY** message that can be displayed on a school compound.

5. Apart from water, mention any other source of energy in the environment.

6. How does a bedbug protect itself?

7. Which layer of the soil contains a lot of humus?

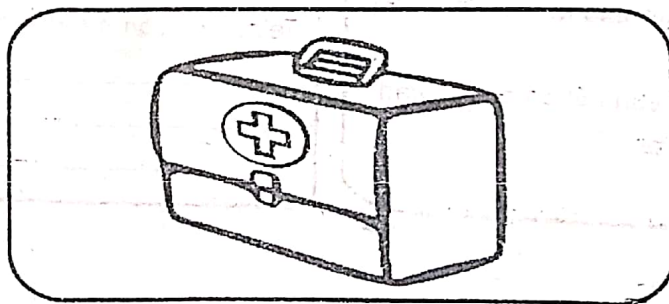
8. Give any **one** characteristic of a true insect.

9. Why are plants unable to make starch at night?

10. Name the plant fibre used for making ropes.

11. How is a beak useful to a cock?

Use the diagram below and answer the questions 12 and 13.



12. What name is given to the item shown in the diagram above?

13. Mention **one** place where the above item can be found.

14. Give **one** reason why farmers de-beak their birds.

15. Of what importance is a school garden to pupils?

16. Name any **one** substance used to make ORS.

17. Which type of feathers enables birds to fly?

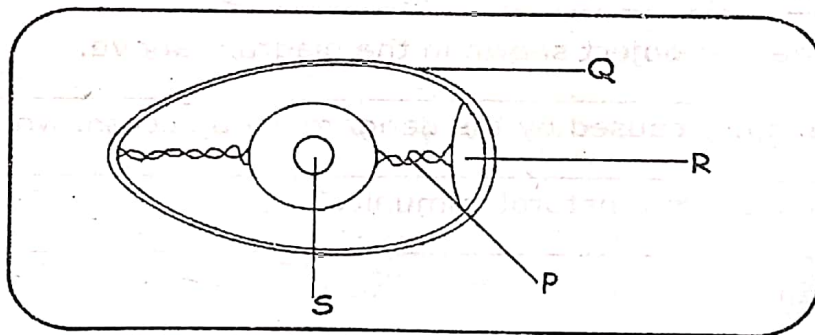
18. State any **one** way of controlling food contamination.

19. Name the colour of a traffic light that tells drivers to stop their vehicles.

20. Name the type of chicken kept for egg production.

21. In which **one** way can crop farmers give extra support to their plants with weak stems.

Use the diagram below and answer the questions, 22 and 23.



22. Name the part marked **Q**.

23. Identify the part that absorbs shocks from the diagram above.

24. State any **one** condition necessary for photosynthesis.

25. Mention any **one** process involved in the rain formation.

26. How can a P.5 pupil remove foldings from his or her school uniform?

27. Name the part of a fish used to detect danger in water.

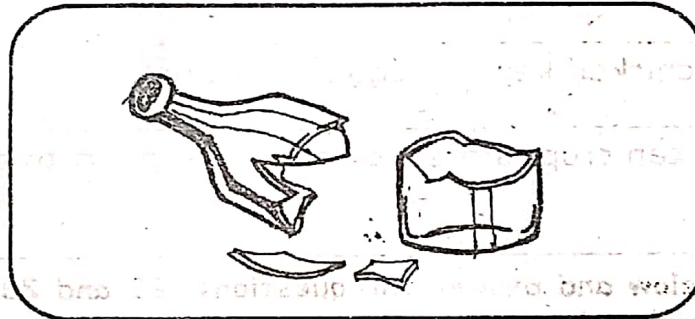
28. Write any **one** condition necessary for germination to take place.

29. Give any **one** advantage of mulching.

30. How is wind different from air?

31. Name the component of a living house that lets out warm air.

Use the diagram below and answer the questions 32 and 33.



32. Name the dangerous object shown in the diagram above.

33. Give any **one** injury caused by the dangerous object shown above.

34. How can a baby acquire natural immunity?

35. What is a weed?

36. Name the crop pests controlled by putting rat guards on the poles of granaries.

37. Give **one** reason people switch off lights at night.

38. Mention any **one** habitat for the vectors.

39. State the product got from rabbits used making shoes.

40. Write **one** word used to mean organisms that cause diseases in animals.

SECTION B (60 Marks)

(Questions 41-55, carry **four** marks)

41(a) Give **two** ways of keeping personal hygiene.

(i) _____

(ii) _____

(b) List any **two** items used to keep clean.

(i) _____

(ii) _____

42 (a) Mention any **two** examples of insect vectors.

(i) _____

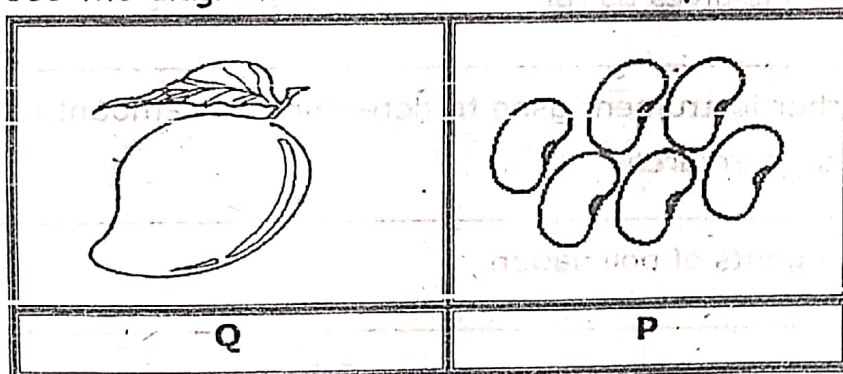
(ii) _____

(b) Apart from burning rubbish, give any other **two** ways of reducing the number of vectors at home.

(i) _____

(ii) _____

43. Use the diagram below and answer the questions that follow.



(a) Name the food stuffs marked:

(i) Q _____

(ii) P _____

(b) What food value is present in food stuff marked Q?

(c) Which deficiency disease is controlled by eating stuff marked P?

44 (a) Write any **two** systems of keeping poultry.

(i) _____

(ii) _____

(b) State any **two** disadvantages of free range system.

(i) _____

(ii) _____

45 (a) State any **two** examples of plants grown in nursery bed.

(i) _____

(ii) _____

(b) Write any **two** ways in which crop farmers care for the seedlings in a nursery bed.

(i) _____

(ii) _____

46 (a) Give any **two** conditions of weather.

(i) _____

(ii) _____

(b) What type of clouds gives us rain?

(c) Name the weather instrument used to determine the amount of rainfall received in an area.

47 (a) Name the **two** agents of pollination.

(i) _____

(ii) _____

(b) Give any **two** characteristics of insect pollinated flowers.

(i) _____

(ii) _____

48 (a) State any **two** items found in a clean home.

(i) _____

(ii) _____

(b) Write any **two** signs of poor sanitation.

(i) _____

(ii) _____

49. Match immunisable disease to their vaccines.

Tuberculosis	Polio vaccine
Diphtheria	Measles vaccine
Polio	BCG
Measles	DPT

- (i) Tuberculosis _____
- (ii) Diphtheria _____
- (iii) Polio _____
- (iv) Measles _____

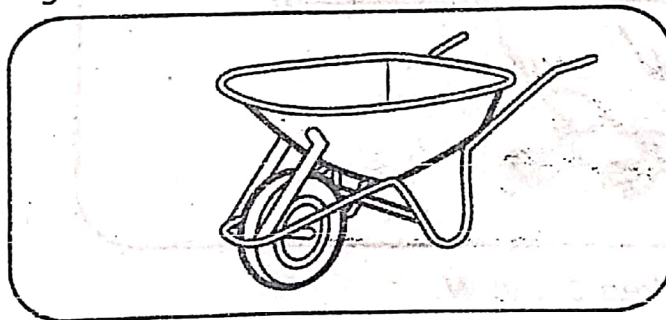
50 (a) Mention the **two** sets of teeth developed in human beings.

- (i) _____
- (ii) _____
- (b) Give any **two** disorders of the teeth.
- (i) _____
- (ii) _____

51 (a) State any **two** properties of air.

- (i) _____
- (ii) _____
- (b) Which component of air is used to put out fire.
- _____
- (c) Give **one** use of oxygen to people.
- _____

52. Use the diagram below and answer the questions that follow.



(a) Name the garden tool shown in the diagram above.

(b) State any **one** function of the garden tool shown above.

(c) Write any **two** ways of caring for the garden tool shown in the diagram above.

(i) _____

(ii) _____

53 (a) Mention any **two** stages of complete life cycle of an insect.

(i) _____

(ii) _____

(b) Apart from bees, mention any other **two** examples of insects that undergo complete life cycle.

(i) _____

(ii) _____

54 (a) Name the organs of the body used for:

(i) Remembering _____

(ii) Pumping blood to all body parts _____

(b) Give any **two** body parts protected by the ribs.

(i) _____

(ii) _____

55. Below is a structure showing external parts of a cock. Study and use it to answer the questions that follow.



(a) Name the parts marked **C** and **W**.

(i) **C** _____

(ii) **W** _____

(b) State the function of the part marked **S**.

(c) Give any **one** economic use of a cock.