



PURSUIT OF EXCELLENCE EXAMINATIONS BOARD

PRIMARY FIVE MIDTERM I EXAMINATION

2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Pupil's Name

School Name **Stream**

District name

Read the following instructions carefully:

1. Write your **school** or **district name** in the spaces provided above.
2. This paper has two sections: **A** and **B**
section **A** has **40** questions and section **B** has **15** questions. The paper has **13 printed pages** altogether.
3. Answer **all** questions. **All** answers to both Sections **A** and **B** must be written in the spaces provided.
4. **All** answer 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:
"FOR EXAMINERS" use only and the boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	MARKS	EXR'S No.
1 - 10		
10 - 20		
20 - 30		
30 - 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 part of a flowering plant that attracts pollinators.

2. State the main reason why poultry farmers rear broilers chicken.

3. Mention any **one** disease that is spread through mosquito bites to humans.

4. State any **one** way of preventing garden tools from rusting.

Use the diagram of the equipment below to answer questions **5** and **6**.



5. Name the equipment drawn above.

6. Give the use of the above equipment in a school.

7. State **one** advantage of local breeds of chicken over exotic breeds.

8. Mention any **one** example of annual crop.

9. Which property of air enables a **P.5** pupil to drink soda using a straw?

10. State any **one** effect of too much sunshine in the environment.

11. Mention the breed of chicken obtained by mating of a pure local breed with a pure exotic breed.

12. Name any **one** item used to promote sanitation in a home.

13. State any **one** way of preventing intestinal infestation by worms.

14. Which component of air is used by plants during germination?

Use the diagram of the domestic fowl below to answer questions **15** and **16**.



15. How does the above drawn domestic fowl reproduce?

16. Mention any **one** product obtained from the above drawn fowl.

17. Give any **one** example of wood fuel.

18. State any **one** way in which plants with weak stems climb other strong plants.

19. Which part of a fish has the same function with the human lungs?

20. Give the meaning of incubation as used in keeping poultry.

21. Name any **one** form of accident that results from body contact with a hot substance.

22. Mention the type of germination where the cotyledon remains under the ground.

23. Identify the rabbit disease that attacks both poultry and humans?

24. Name **one** type of poultry reared by farmers on a farm.

25. Which deficiency disease results from lack of Vitamin **A** in one's diet?

26. State the incubation period of chicken?

27. Give any **one** way of keeping food free from germs.

Use the diagram of the equipment below to answer questions **28** and **29**.



28. Identify the drawn equipment above.

29. Give **one** item kept in the above identified equipment in (**28**) above.

30. Name the method of rearing poultry where birds are left to move freely from one place to another.

31. In which way are caterpillars dangerous to crop farmers?

32. Which class of food promotes body growth when consumed?

33. Give any **one** condition necessary for a successful incubation.

34. Apart from rain, give any other **one** source of water in the environment.

35. Name the body organ that purifies blood by filtering it in the body.

36. State the reason why a moss plant is referred to as a non-flowering plant.

37. In which way does a crop farmer benefit from poultry?

38. What kind of insects provide honey to people.

39. Mention the type of feather that enables a bird to fly.

40. Name any **one** disease that attacks the human eye.

SECTION B: 60 MARKS

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

41. (a) Give the meaning of the term first aid.

- (b) State any **two** reasons for giving first aid to a casualty.

(i) _____

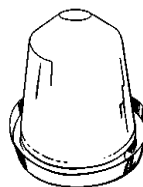
(ii) _____

- (c) Mention any **one** effect of accident to a casualty.

Use the poultry feeding tools below to answer the questions that follow.



M



N

42. (a) Identify the poultry feeding tools marked **M** and **N**.

(i) **M** _____

(ii) **N** _____

- (b) Give the use of the equipment **M** in poultry management.

- (c) State any **one** importance of feeding poultry.

43. (a) Give the meaning of soil erosion.

- (b) Mention any **two** agents of soil erosion.

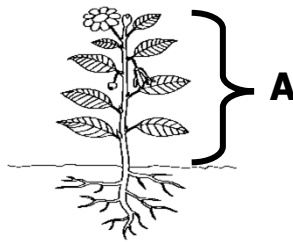
(i) _____

(ii) _____

- (c) State any **one** way in which soil erosion is controlled in a hilly area.

44. (a) State any **two** characteristics of exotic breeds of chicken.
 (i) _____
 (ii) _____
- (b) Mention any **two** examples of exotic breeds of chicken reared by farmers in Uganda.
 (i) _____
 (ii) _____

Use the diagram of the plant below to answer the questions that follow.



45. (a) Name the plant system marked **A**.
 (i) **A** _____
- (b) Identify any **one** part of a plant that makes up the system **A**.

- (b) State any **two** ways of caring for a plant in the garden.
 (i) _____
 (ii) _____
46. (a) Give the meaning of personal hygiene.

- (b) Mention any **two** items used for performing personal hygiene.
 (i) _____
 (ii) _____
- (c) State any **one** danger of having poor personal hygiene.

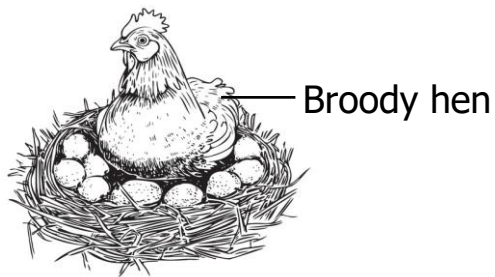
47. (a) What term is used to mean the process by which plants make their own food?

- (b) Give the reason why plants do not make their own food at night.

- (c) How is chlorophyll important to plants when making food?

- (d) Which component of air do animals get during photosynthesis?

Use the diagram showing a type of incubation below to answer the questions that follow.



48. (a) Identify the type of incubation shown above.

(b) Give any **one** advantage of the above type of incubation.

(c) State **one** disadvantage of the above type of incubation.

(d) Apart from the above identified type, mention other **one** type of incubation.

49. (a) Use the table showing the types of soil and the uses below to fill in the blank spaces.

Type of soil	Use of the soil
Loam soil	_____
_____	For building houses.
Clay soil	_____

(b) Apart from pots, mention **one** other item made from soil.

50. (a) Give the meaning of the term air.

(b) Which component of air occupies the given percentages:

(i) 78% _____

(ii) 21% _____

(c) Give any **one** way in which the air in motion is dangerous in the environment.

51. Match the given animals below with their mode of movement.

Animal	Mode of movement
Snake	Flying
Man	Swimming
Fish	Slithering
Weaver bird	Walking

Snake _____

Man _____

Fish _____

Weaver bird _____

52. (a) State any **two** reasons why we eat food.

(i) _____

(ii) _____

(b) Mention any **two** food stuffs that provide carbohydrates to the body when consumed.

(i) _____

(ii) _____

53. (a) Name the season in which farmers do the following farm activities

(i) Planting crops

(ii) Harvesting crops

(b) State any **one** method of harvesting crops.

(d) Name the garden tool used for harvesting cereal crops.

54. (a) What do you understand by the term poultry vices?

(b) Mention any **two** examples of poultry vices.

(i) _____

(ii) _____

(c) State any **one** way of controlling poultry vices.

55. (a) Give any **one** cause of dehydration in humans.

(b) State any **one** sign of dehydration in humans.

(b) Name any **two** solutes used for treating dehydration.

(i) _____

(ii) _____