



RAISE UP A CHILD NURS. & PRI. SCHOOL NAMAYUMBA
END OF MARCH TERM I EXAMINATIONS, 2023

CLASS : P.4

SUBJECT : INTEGRATED SCIENCE

DURATION: 2 HOURS 15 MINUTES

Name

Read the following instructions carefully

1. This paper is made up of two Sections: A and B.
2. Section **A** has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt all questions. Answers to both sections must be written in the spaces provided.
5. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
6. Crossing out of answers will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	SIGN
1-10		
11-20		
21-30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A

1. Name one component of environment.

2. What is the use of fire extinguisher at school?

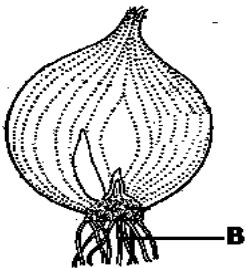
3. Give one food stuff that provides us with proteins.

4. Why is breast milk the best food for babies?

5. Why is a bee called a social insects?

6. Give any one way animals depend on plants.

7. Name the bulb plant shown below.



8. What is personal hygiene?

9. Give one item used to promote hygiene at school.

10. Name the sense organ for sight.

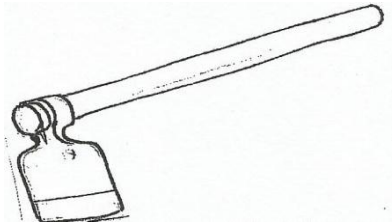
11. Why is a fish called an aquatic animal?

12. Why is loam soil the best for crop growing?

13. Give one reason for preserving food.

14. Name the sanitation element used for rubbish disposal.

15. **The diagram below shows a garden tool. State its use to a crop farmer.**



16. Give one use of water at home.

17. Name one type of granary.

18. State one way food can get contaminated.

19. Name one component of soil which supports plant growth?

20. Give one way of saving energy of home.

21. Give one reason why we prepare food.

22. Name one type of germination.

23. Mention one monocotyledonous plant.

24. Name the main natural source of water?

25. Which weather condition is measured using rain gauge?

26. Why do crop farmers plant in the rainy season?

27. State the importance of condensation in the rainy cycle.

28. In the space below, draw a simple leaf.



29. Give one natural change in environment.

30. Why are people encouraged to use tooth paste when brushing teeth.

31. In which direction are shadows when the sun is setting?

32. Name the vitamin that strengthens our bones.

33. Mention one way of managing hot weather conditions.

34. What is first aid?

35. Give one advantage of mulching.

36. How does a tortoise protect itself.

37. Name any one type of germs.

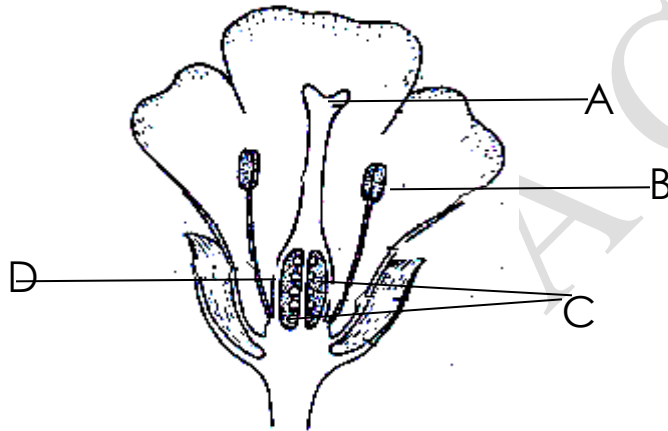
38. Which part of an insect is used for breathing?

39. Give one way through flowers attract pollinators.

40. Name one spore producing plant.

SECTION B (60 Marks)

41. Use the diagram below to answer questions that follow.



a) Name parts marked;

i) A _____

ii) C _____

b) How useful is part **B** to a flower?

c) What does part **D** develop into after fertilisation?

42. a) Give two characteristics of viable seeds for planting

i) _____

ii) _____

b) Give any two requirements for viable seeds to germinate

i) _____

ii) _____

43. a) State two advantages of crop rotation.

i) _____

ii) _____

b) Name one example of a legume crop.

c) What food value do people get from legumes?

44. a) Give the use of the following items in giving first aid.

i) Spirit _____

ii) Cotton wool _____

b) Give two reason why we give first aid

i) _____

ii) _____

45. Match living things with the breathing organs correctly

Living things

Fish

House fly

Maize plant

Spider

breathing organisms

Stamata

gills

Spiracles

lung books

i. Fish _____

ii. House fly _____

iii. Maize plant _____

iv. Spider _____

46. a) Define is transpiration.

b) State two ways plants reduce the rate of transpiration.

i) _____

ii) _____

c) Give the importance of transpiration to plants.

47. a) Give any two agents of soil erosion.

i) _____

ii) _____

b) Give any two farming practices that are used to control soil erosion.

i) _____

ii) _____

48. a) What is the best time for transplanting?

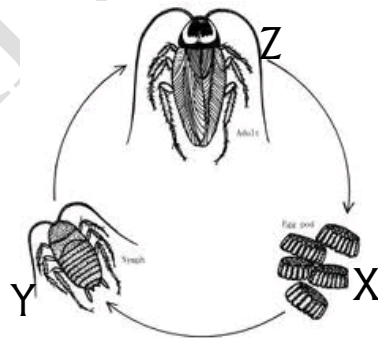
b) Identify one garden tool used in transplanting seedlings.

c) Name two crops which are raised in nursery beds.

i) _____

ii) _____

49. The diagram below shows a life cycle of a cockroach. Use it to answer questions that follow.



a) Name the stages marked;

i) Y _____

ii) X _____

b) How many stages are in the life above.

c) How is stage **Z** dangerous to children.

50. a) Name the components of air with the following percentages

i) 78% _____

ii) 0.03% _____

b) Which gas supports burning of charcoal?

c) Give one property of air.

51. a) What is soil profile?

b) Name the layer of soil profile best for crop growing.

c) Name the process that forms humus in soil.

d) From which soil layer do we get big stones for building?

52. a) Why do we give ORS to a dehydrated person?

b) Name two substances used to make ORS.

i) _____

ii) _____

c) Mention one mineral salt that is reduced dehydrated people.

53. a) Which mosquito spreads malaria?

b) State two ways of controlling malaria vectors

i) _____

ii) _____

c) What mouth parts do mosquitoes use to feed?

54. a) Write PHC in full.

b) List two elements of PHC.

i) _____

ii) _____

c) Give one advantage of promoting personal hygiene.

55. a) Give two uses of food in the body.

i) _____

ii) _____

b) Which class of food helps to build the body?

c) Name one food deficiency disease.

END