



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

CLASS : P.6
SUBJECT : INTEGRATED SCIENCE
DURATION: 2 HOURS 15 MINUTES

Name stream.....

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 the first set of teeth in a baby's mouth?

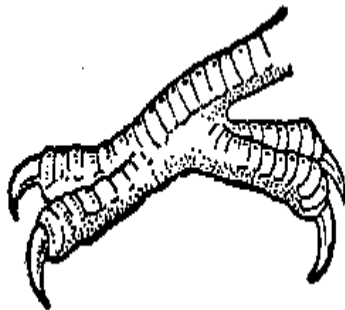
2. What role do drone bees play in a hive?

3. How can we control soil erosion in our school playground?

4. Why are materials made out of iron usually painted?

5. What is the role of a school nurse at school?

The diagram below is a foot of a bird. Study and use it to answer the questions 6 and 7.



6. Name the group with the foot shown above.

7. How is the foot above useful to the group mentioned in 6 above.

8. How can you separate iron filings from maize flour?

9. Name one example of a perennial fruit crop.

10. Why are monkeys regarded as homoeothermic animals?

11. Which element of PHC is promoted through health parades?

12. How does a casualty benefit from receiving first aid?

13. State the importance of perches in a poultry.

14. Give one way weight is different from mass.

15. Name one vaccine given to babies at 10 weeks.

16. Name any one enzyme that is active in acidic conditions.

17. Write down one way a mother can protect a baby with diarrhoea from dehydration.

18. Why is melting of ice regarded as a physical change?

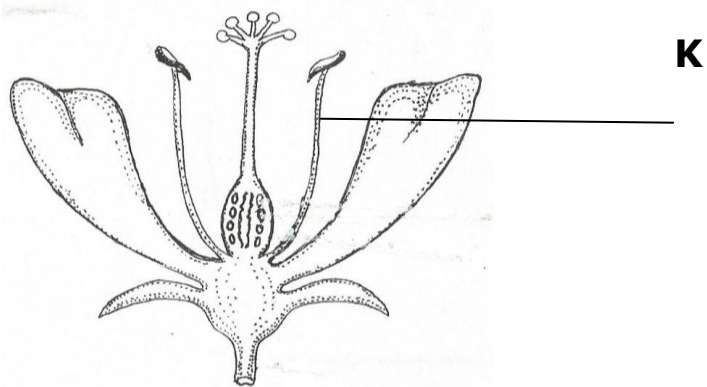
19. Name one activity at home that requires the use of bacteria.

20. Write down one property of matter.

21. Give one reason why mercury is commonly used in clinical thermometers.

22. Name one breed of rabbits kept in Uganda.

The diagram below is of a flower. Study and use it to answer questions 23 and 24.



23. State the role of part marked **K** on the above flower.

24. Name one agent that is likely to pollinate the above flower?

25. How does a bushy compound aid in the spread of malaria?

26. Write down one-way wind is useful to crop farmers.

27. Which type of records help farmer to keep track of their income?

28. Why is rain measured in millimetres?

29. How are chameleons important to man?

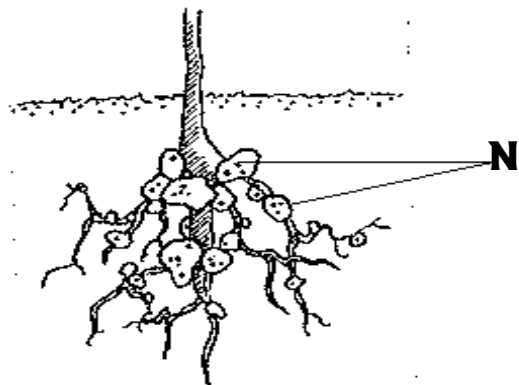
30. Name one mammal that reproduces by laying eggs.

31. Write down one condition that makes a man vulnerable.

32. Give one way soil is important to man.

33. Mention one reason why farmers castrate male goats.

The diagram below shows roots of a plant. Use it to answer questions that follow.



34. Name the type of crops with such roots.
-
35. State the importance of part marked **N** on the above diagram.
-
36. State one way plants benefit from other plants.
-
37. Name one viral disease of poultry.
-
38. Give one way mulching can be dangerous in crop farming.
-
39. Name any one material needed in promoting proper sanitation at your home.
-
40. Write down one source of plant proteins.
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SECTION B (60 Marks)

41. a) Name one example of a fungi.
-
- b) Give two ways fungi are useful to man.
- i) _____
- ii) _____

- c) Give any one characteristic of fungi.

42. Study the table below and use it to answer the questions that follow.

A	B	C	D
Frog	Snake	dove	Man
Salamander	Crocodile	Ostrich	Pig
Toad	Tortoise	Turkey	rat

- a) State one common characteristic among all animals in the table above.

- b) How are animals in list **C** similar to those in list **B** in terms of reproduction?

- c) State one way animal in list **D** are different from those in **A**, **B**, and **C**.

- d) Which class of vertebrates is missing in the table above?

43. a) What name is given to small particles that make up matter?

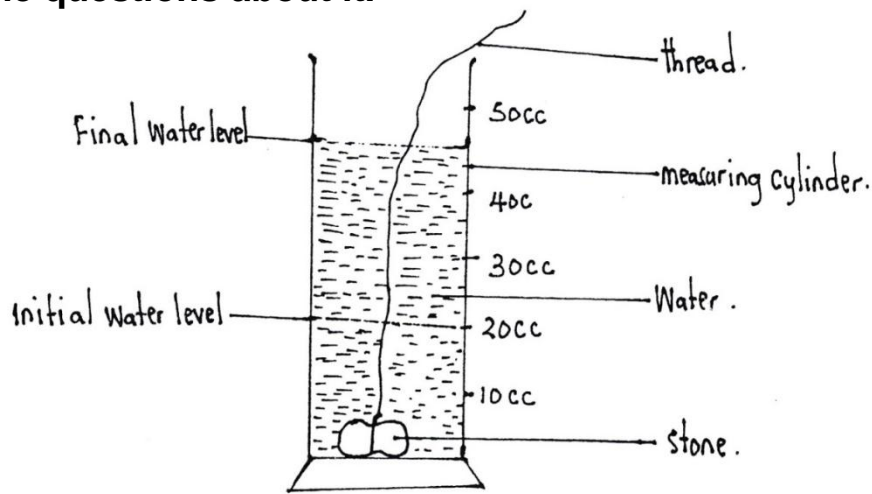
- b) Name one state of matter through which heat travels by convection.

- c) Give two effects of heat on matter.

i) _____

ii) _____

44. The diagram below shows a method of finding volume. Use it to answer the questions about it.



- a) Find the volume of the stone in the above diagram.

- b) Why was the above method used to find the volume?

- c) If the stone has a mass of 120g, what would be its density?

45. Match the body organs in list A with functions in list B correctly.

List A

Liver
Lungs
Brain
Heart

List B

- Gaseous exchange.
- Pumping blood.
- Storage of information.
- Producing bile juice.

- i) Liver _____
ii) Lungs _____
iii) Brain _____
iv) Heart _____

46. a) Give any one reason why we eat food.

b) State two ways cooked food gets contaminated.

i) _____

ii) _____

c) Name one disease we can get if we eat contaminated food.

47. a) What is immunity?

b) Give two ways babies acquire natural immunity.

i) _____

ii) _____

c) Write down one group of people given T.T vaccine.

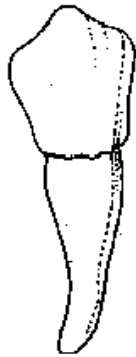
48. a) Give a reason why sand soil cannot hold water for a long time.

b) State any one way sand soil is used in our environment

c) State one reason why loam soil is the best for crop farming.

d) Name the agrochemicals used to control pests.

49. The diagram below is of a tooth. Use it to answer the questions that follow.



- a) Name the type of tooth shown above.

- b) How is the above type of tooth adapted to its function?

- c) Beside the above type of tooth, name two other types of teeth in the mouth of primates.

i) _____

ii) _____

50. a) Give two reasons why people rear rabbits.

i) _____

ii) _____

- b) Name one disease that affects both rabbits and poultry.

- c) State one way of caring for rabbits.

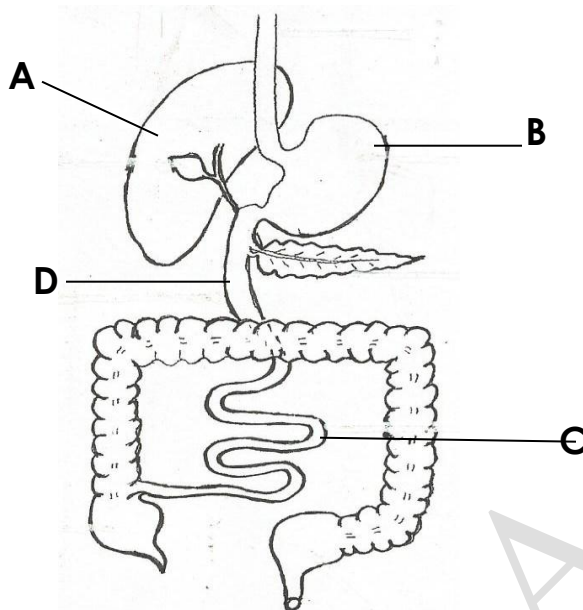
51. a) In which part of a plant does photosynthesis take place?

- b) Give the role of chlorophyll during photosynthesis.

- c) Which component of air is a raw material of photosynthesis?

- d) State one way animals benefit from photosynthesis.

52. The diagram below is of a digestive system of a man. Use it to answer questions that follow.



a) Name parts marked B and D

i) B _____

ii) D _____

b) Which class of food is first digested in part D?

c) Give one way part C is adapted to food absorption

53. a) Write down the main purpose of rearing Saanen goats.

b) Which breed of goats is the best producer of mohair?

c) Give one disease that affects goats.

d) Mention one way of caring for goats on a farm.

54. a) Write P.H.C in full.

b) Give one principle of P.H.C.

c) State two activities done at school to promote P.H.C.

i)

ii)

55. a) Which human body organs is sensitive to sound energy?

b) Name one natural source of sound in the environment apart from animals.

c) Give two reasons why animals make sound.

i)

ii)

END