

# RAAYAT ISLAMIC NURSERY & PRIMARY SCHOOL

P.O BOX 8296 KAMPALA MAKINDYE II SALAMA ROAD

PRIMARY FIVE END OF YEAR EXAMINATION 2022

INTERGRATED SCIENCE

TIME ALLOWED

2hrs: 15min

NAME: .....

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

*Read the following instructions carefully:*

*The paper has two sections A and B*

*Section A, has 40 shot questions (40 marks)*

*Section B, has 15 questions (60 marks)*

*Answer ALL sections A and B*

*All answers MUST be written using a Blue or Black ball-pointed pen and ink.*

*Un-necessary alternation of work may lead to loss of marks*

*Any handwriting that cannot be easily read may lead to loss of marks.*

*Do Not fill any thing in the boxes shown. "FOR EXERMINERS' USE ONLY"*

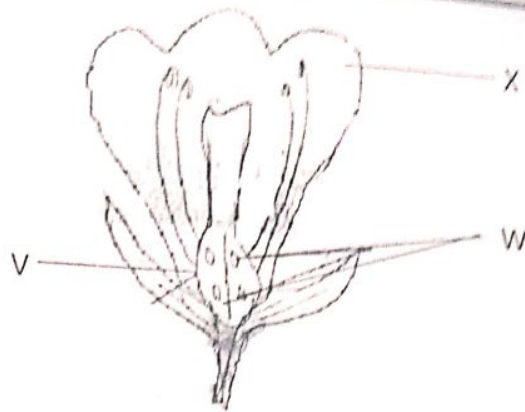
**FOR EXERMINERS' USE ONLY**

QN.NO	MARKS	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

## SECTION A

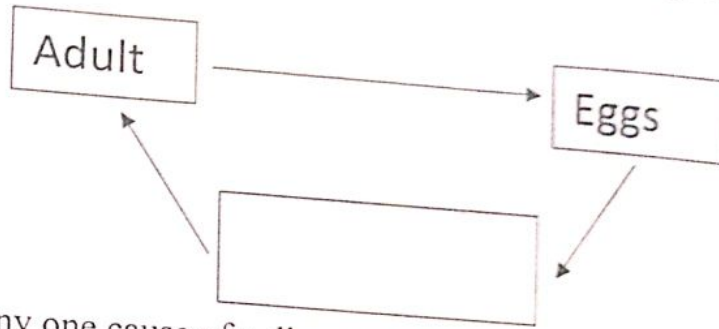
1. Name one vector that spreads diarrhea.  
.....
  2. Name the component of air that supports burning.  
.....
  3. Mention one example of a simple leaf.  
.....
  4. Name the type of soil used for making glasses.  
.....
  5. Which element of weather is measured using a thermometer?  
.....
  6. What is poultry?  
.....
  7. Which vector spreads yellow fever to people?  
.....
  8. Which disease is talked about in PIASCY messages?  
.....
  9. How is the reproduction of yeast different from other fungi?  
.....
  10. Give one way of killing germs in drinking water.  
.....
  11. How is a trowel useful to a farmer?  
.....
  12. Name the exotic breed of rabbit kept for mohair.  
.....
  13. Give one negative effect of changes to a crop farmer.  
.....
  14. What is an apiary?  
.....
  15. What is the main source of light in the environment?  
.....
- The diagram below is of a flower. Study it and use it to answer the questions 16 and 17.





16. Name the part marked with letter V.  
.....
17. Give a reason why part X of some flowers is brightly coloured.  
.....
18. Name any one mineral salt lost during diarrhea.  
.....
19. State one factor that may lead to bottle feeding.  
.....
20. How are kidneys useful in our bodies?  
.....
21. Why do bees visit flowers?  
.....
22. Name the disease that attack both the rabbits and people.  
.....
23. Name the breathing organ of a fish.  
.....
24. Write HIV in full.  
.....
25. Mention one example of a root tuber.  
.....
26. How do we call the mouth part of a mosquito?  
.....
27. Name the type of soil with the smallest inter particle spaces.  
.....
28. Give one way of saving energy at home.  
.....

29. Fill in the missing word to complete the missing stage in the life cycle of a cockroach below.



30. State any one cause of a disease at home.

31. Name any one process that takes place in the ileum.

32. How is burning similar to rusting?

33. Define the term friction.

34. Give any one product got from a cow.

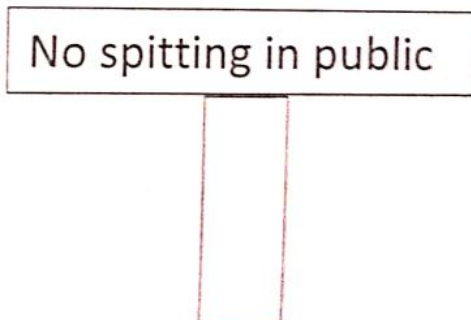
35. State one way of caring for teeth.

36. Give one role of a mother at home.

37. How are flyovers useful on a busy road?

38. Why should we keep our finger nails short?

The diagram below shows a post in a public park. Use it to answer question 39.



39. State the importance of the information on the above post in a public place.

40. Give one example of useful insects in the community.



## SECTION B

41.(a) Apart from diarrhea, name any two other diseases caused by poor sanitation.

b) How does boiling of water for drinking control the spread of diarrhea?

c) State one danger of diarrhea.

42.(a) What is pollination?

b) Which agent of pollination pollinates flowers at night?

c) State one type of pollination.

d) Give one characteristic of insect pollinated flowers.

43.(a) Define apiculture?

b) What is the role of a queen bee in the hive?

c) State products obtained from honey bees.

44. Match items in list A to their meaning in list B.

A

Kidding

Lambing

Kindling

Calving

B

Giving birth in sheep

Giving birth in cows

Giving birth in goats

Giving birth in rabbits.

Kidding .....

Lambing .....

Kindling .....

Calving .....

45. (a) Which type of fracture is common in children?

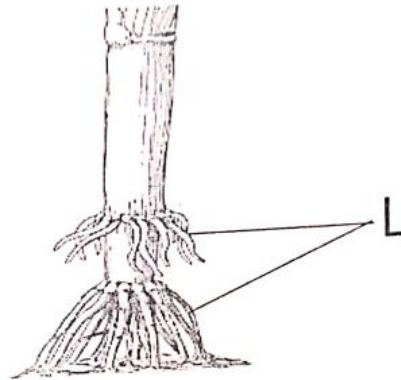
b) Why is the fracture above common in children?

c) How are the following important when giving first aid?

i) Stretcher .....

ii) Arm sling .....

46. The diagram below shows a root of a plant. Use it to answer the questions that follow.



a) Name roots marked L.

b) How important are such roots to plants?

c) Mention two examples of plants with such roots.

47.(a) What is meant by the term dehydration?

b) Give any two causes of dehydration.

c) What advice would you give to a mother whose child is suffering from dehydration?

48.(a) Mention two types of poultry.

b) State one poultry disease caused by a virus.

c) Give one way of improving egg production on poultry farm of layers.



49. The diagram below shows an equipment used in school. Use it to answer the questions that follow.



a) Name the above equipment.

b) What gas is contained in the above equipment?

c) Give reason why the gas you have named above is used in that equipment.

50.(a) Name the part of the digestive system which;

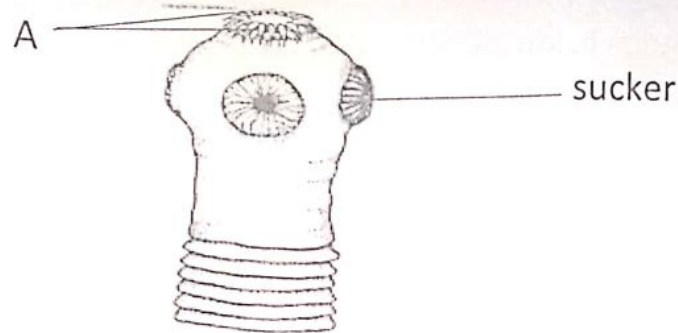
i) Produces bile juice. ....

ii) Produces pancreatic juice. ....

b) Give one reason why food should be properly chewed before swallowing.

c) Mention any one disorder of the digestive system.

51. The diagram below is of a worm, use it to answer questions that follow.



a) Identify the type of worm shown in the diagram above.

b) Name part marked A in the diagram above.

c) What does the above worm feed on in humans?

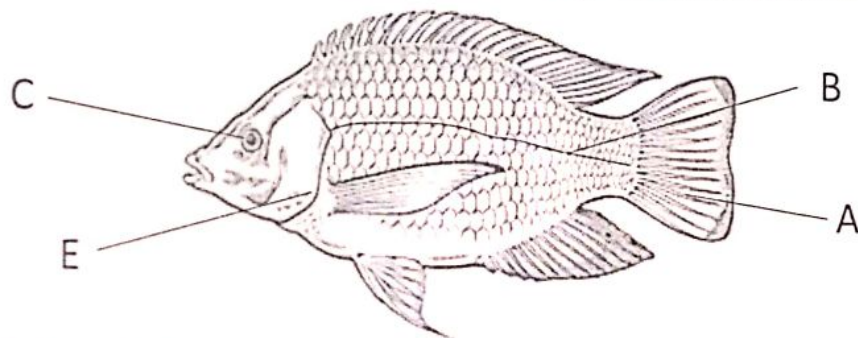
52.(a) What is a germ?

b) Mention any one type of germs.

c) Give any one way germs are spread.

d) Name one disease that can be caused by germs.

53. The diagram below is of a fish. Use it to answer questions that follow.



a) Identify the main food value got from eating the above animal.

b) Name the parts marked A and C.

c) State the function of part protected by part marked E to the fish.



5. (a) Apart from loam soil, name any one other type of soil.

b) Give one reason why loam soil is the best for crop growth.

c) Mention two ways in which soil is formed.

55.(a) How does mulching;

i) Improve soil fertility?

ii) Control soil erosion?

b) State two disadvantages of mulching a banana plantation.