

NAMAGUNGA PRIMARY BOARDING SCHOOL

PRIMARY FOUR HOLIDAY WORK – 2021 SCIENCE

NAME: _____ STREAM: _____

SECTION A (40 MARKS)

1. Give any one example of domestic animals.

2. What does a person use for feeling?

3. State any one way of keeping our houses clean.

4. Why do farmers mulch their gardens?

5. In which way are spiracles useful to an insect?

6. Why should we regularly spread beddings in sunshine?

The diagram below is of garden tool. Use it to answer questions 7 and 8.



7. Name part marked **X** in the above diagram.

8. How is the above garden tool useful to a crop farmer?

9. How are earth worms useful in soil?

10. Name the weather instrument used to measure the amount of rainfall received in an area.

11. Give any one importance of electricity at home.

12. Write any one activity carried out regularly by a person to keep physically fit.

13. Why should a sick person be given sugar in the diet?

14. Which part of a house takes out warm air?

15. How is a latrine useful in promoting sanitation?

16. Name the green pigment in plants.

17. Give any one way of killing germs in drinking water.

18. Write any one condition necessary for seed germination.

19. A part from tendrils, name any one other structure which enables a plant to climb other plants.

20. Why is it bad to serve food in dirty utensils?

21. Name the type of soil suitable for modeling pots.

22. How is a flat iron important when cleaning clothes?

23. Which disease of the eye is caused by germs spread by houseflies?

24. State any one importance of keeping rabbits.

25. Why should animals be vaccinated?

26. Which condition of weather is caused by rainfall?

27. State any one use of food in our bodies.

28. Apart from grasshoppers, give any one other example of a winged insect.

29. How are grasshoppers useful to man?

30. Give the reason why insects like bees visit flowers.

31. How is the absorption of excess heat reduced on a Stevenson screen?

32. Name any one other delicate weather instrument kept in s Stevenson Screen apart from a measuring cylinder.

33. Why is it advisable to sleep under a treated mosquito net at night?

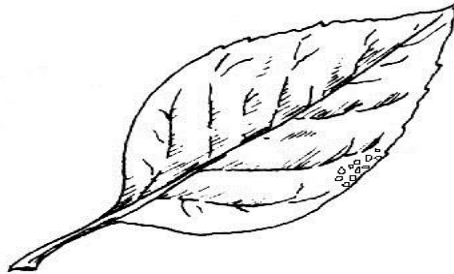
34. Which form of accident does one get from touching fire?

35. Why do houseflies lay their eggs in latrines?

36. How do plants act as wind breaks?

37. Which vector spreads germs for nagana?

The diagram below is of a leaf. Use it to answer questions 38 and 39.



38. Name the type of leaf venation shown above.

39. Give any one example of a plant with the above type of leaf venation.

40. How does a scorpion protect itself against enemies?

SECTION B (60MARKS)

41. a) What do we call air in motion?

b) State any two uses of air in motion in our environment.

i) _____

ii) _____

c) Which weather instrument measures the speed of air in motion?

42. a) Name the process by which pollen grains are transferred from anthers to the stigma.

b) Apart from wind, name any two other agents for the process you have named in (41a) above.

i) _____

ii) _____

c) Why are some flowers with brightly coloured petals?

43. a) State any two importance of sunheat in our environment.

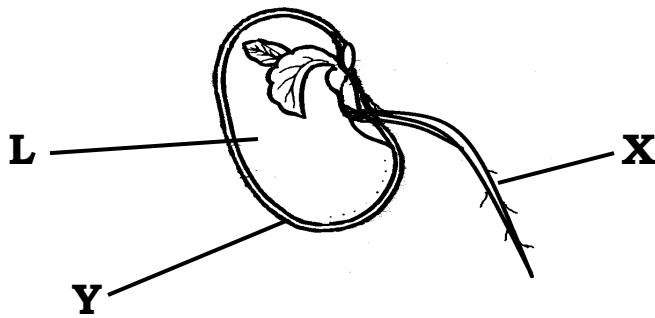
i) _____

ii) _____

b) Why do plants wilt when there is too much sunheat?

c) Give any one way of caring for plants during dry season.

44. The diagram below shows the internal parts of a bean seed. Use it to answer questions that follow.



a) Name parts marked with letters **X** and **Y**

X _____ **Y** _____

b) Use an arrow and letter **Z** to label the plumule on the above diagram.

c) How is part marked **L** useful on a seed?

45. Match animals in list A with their characteristics in list B correctly.

List A

- i) fish
- ii) locust
- iii) spider
- iv) dove

List B

- body covered with feathers
- has eight jointed legs
- body covered with scales
- has six jointed legs

fish	-	_____
locust	-	_____
spider	-	_____
dove	-	_____

46. a) State the meaning of sanitation.

b) State any two ways of promoting sanitation at home.

i) _____

ii) _____

c) Why should we keep our home environment clean?

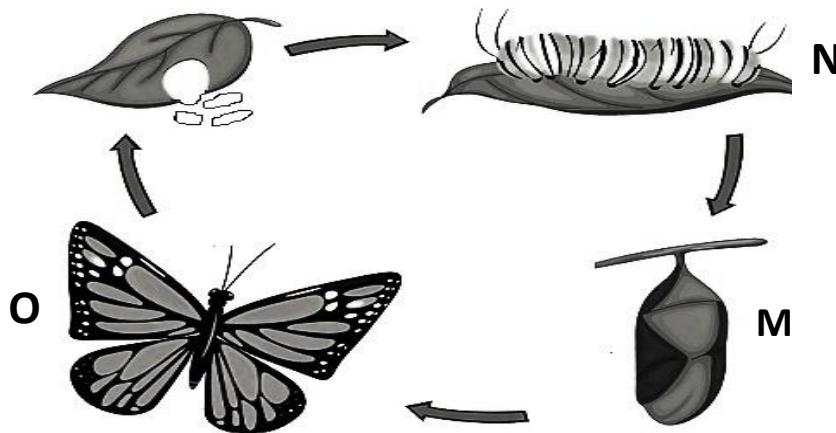
47. a) What do we call crops grown for sale?

b) Give any two examples of crops grown for sale.

i) _____ ii) _____

c) How is cotton wool useful to people as a cash crop product?

48. The diagram below shows the life cycle of a butterfly. Use it to answer given questions.



a) Name the stages of growth marked with letters **M** and **O**

M: _____ **O:** _____

b) How is stage marked **N** dangerous to crops in a garden?

c) Give one way of crop farmer can control stage marked **N** from damaging crops in a garden.

49. a) State any two causes of common accidents at home.

i) _____

ii) _____

b) How are accidents dangerous to people?

i) _____

ii) _____

50. a) Complete the table correctly

Vaccine	Immunisable disease
DDT Vaccine	_____
_____	Polio
BCG	_____
_____	Measles

51. a) Write the two methods of planting crops.

i) _____

ii) _____

b) Why is it good to plant crops in lines?

i) _____

ii) _____

52. a) Apart from wind, name any two other agents of soil erosion.

i) _____

ii) _____

b) State any two ways of controlling soil erosion.

i) _____

ii) _____

53. a) What do we call birds which cannot fly?

b) A part from kiwi, name any two other examples of birds which cannot fly.

i) _____ (ii) _____

c) How do the birds you have named in (53b) above move?

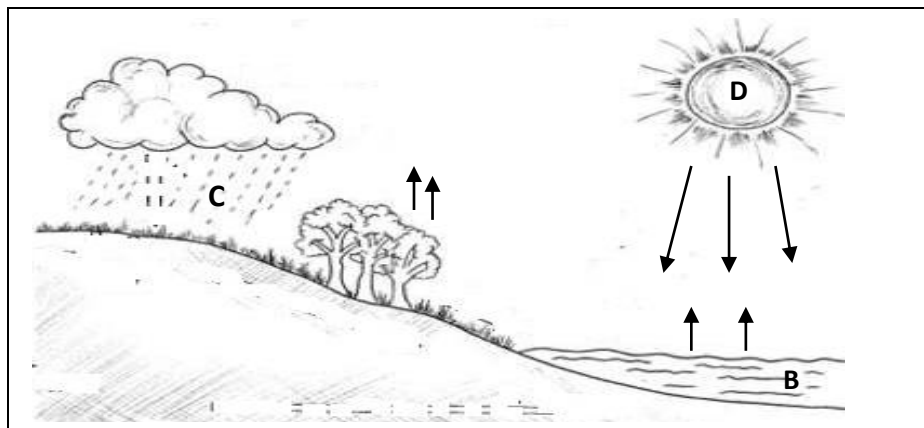
54. a) A part from coccidiosis, name any two other diseases of rabbits.

i) _____ (ii) _____

b) Write any one sign of coccidiosis in rabbits.

c) Give any one way of controlling the spread of diseases in rabbits.

55. The diagram below shows the water cycle use it to answer the given questions about it.



a) Name parts marked with letters **B** and **C**

B - _____ **C** - _____

b) How is part **D** important in the above process shown in the diagram?

c) State any one way in which rain water is useful to us.

END