

NAMAGUNGA PRIMARY BOARDING SCHOOL

P.5 HOLIDAY WORK 2021

INTEGRATED SCIENCE

NAME: _____ STREAM: _____

SECTION A

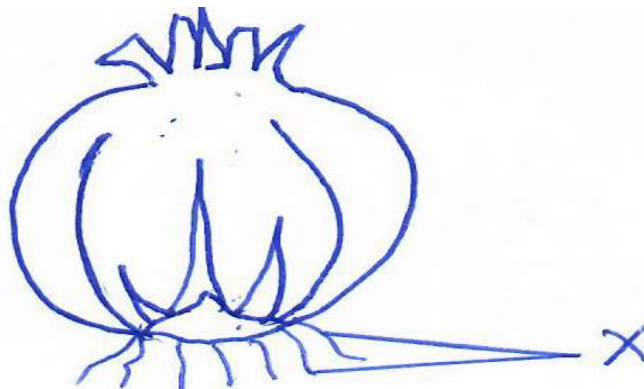
1. Name any one system of keeping poultry.

2. Mention any one infant killer disease.

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

4. By what process does water turn into steam?

Use the diagram of an onion below to answer the question that follows.



5. Name the type of roots labelled **X**.

6. Why does a needle sink in water?

7. Mention the type of injury that involves the breaking of bones.

8. How are mosquitoes dangerous to people?

9. Where does digestion of food start from in people?

10. Write one method of controlling soil erosion.

11. What is meant by the term **“immunization”**?

12. Which instrument is used to measure the amount of rainfall received in an area?

13. Name one mineral salt responsible for the hardening of the egg shell.

14. Why is it not good to keep finger nails long?

15. What is matter?

16. How useful is the micropyle to a germinating seed?

17. Give one example of an insect that undergoes incomplete metamorphosis.

18. In which way is the sun useful in the rain cycle?

19. How is burning similar to rusting?

The diagram below shows a certain equipment used at school.

Use it to answer questions 20 and 21.



20. Name the above equipment.

21. How is the above equipment important at school?

22. In which way are gills of a fish similar to stomata on a leaf in terms of function?

23. Write S.S.S in full as used in management of dehydration.

24. Why is a baby considered as a vulnerable person?

25. Give one type of pollination.

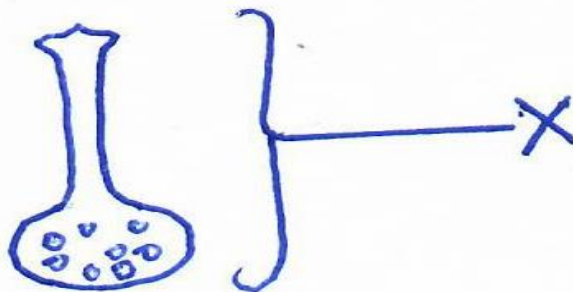
26. State the value of carrying out cross breeding in poultry.

27. What is meant by the term dehydration?

28. How is a flower useful to a plant?

29. Why is a tapeworm known as a parasite?

Study the diagram of a part of a flower below and answer question 30.



30. Name part labeled **X**.

31. A part from having six legs, give any other characteristic of a housefly as an insect.

32. How are terraces important on slopes of mountains?

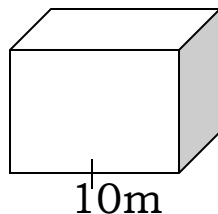
33. What general name is given to plants with root nodules?

34. Why do farmers keep broilers?

35. Why is loam soil regarded the best for crop growing?

36. How is wind useful to man?

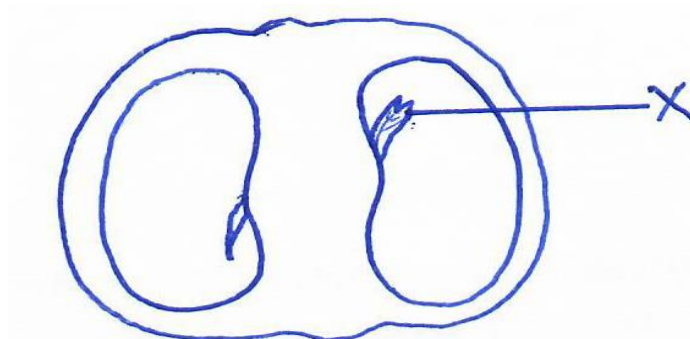
37. Find the volume of the cube below.



38. Mention one condition needed by a seed to germinate.

39. Identify any one way of controlling the spread of malaria in an area.
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Study the diagram of a bean seed below and answer question 40.



40. Name part marked **X**.
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SECTION B

41. **Match the diseases in list A with their causes in list B correctly.**

A	B
Marasmus	lack of vitamin c
Kwashiorkor	lack of carbohydrates
Scurvy	lack of proteins
Anaemia	lack of iodine
	lack of iron

- i) Marasmus _____
- ii) Kwashiorkor _____
- iii) Scurvy _____
- iv) Anaemia _____

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

i) _____

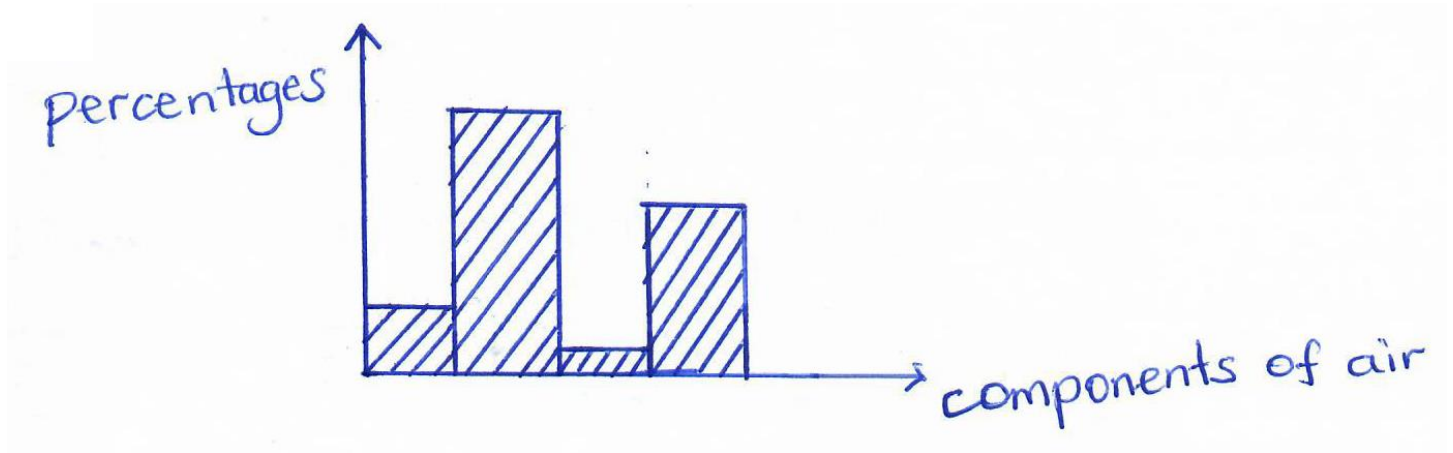
ii) _____

b) In which two ways can common accidents at home be controlled.

i) _____

ii) _____

43. a) **The graph below shows the composition of air in the atmosphere. Study it carefully and answer the questions that follow.**



a) Name the parts of air shown with letters **Y** and **Z**.

i) Y _____ ii) Z _____

b) Name the natural process in living things that needs the gas marked **X**.

c) How is gas marked **Y** useful in our environment?

44. a) What is poultry?

b) Name one type of chicken kept for a special purpose.

c) How can the quality of local chicken be improved?

d) Give one reason why many homes keep local chicken.

45. a) How is a vector different from a germ?

b) Name two common diseases spread by a housefly.

i) _____

ii) _____

c) State one way people can control the spread of diseases you have named above.

46. a) Which gas is needed for photosynthesis to take place?

b) Write another raw material needed for photosynthesis to occur apart from the gas in a) above.

c) Why doesn't photosynthesis take place at night?

d) How is the byproduct of photosynthesis important to people?

47. a) Which term refers to the general cleanliness of the body and things used on the body?

b) Write two activities a person does to keep clothes clean.

i) _____

ii) _____

c) Suggest any one danger of not keeping clothes clean.

48. a) How do bees depend on plants?

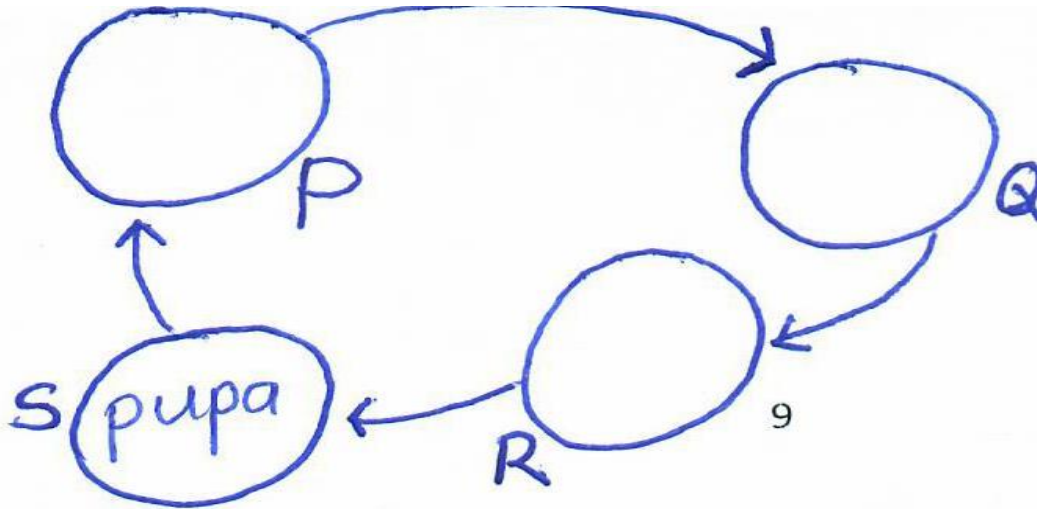
b) Give any one product that man gets from bees apart from honey.

c) State the role of each of the following in a hive.

i) **worker bee:** _____

ii) **queen bee:** _____

The diagram below shows a lifecycle of a housefly. Study it carefully and answer the questions that follow.



49. a) Name the stages marked **P** and **Q**.

i) P _____ ii) Q _____

b) Which stage of a housefly is most dangerous to people?

c) Mention any other insect that undergoes through the same lifecycle as a house fly.

50. a) What do you understand by the term “mulching”?

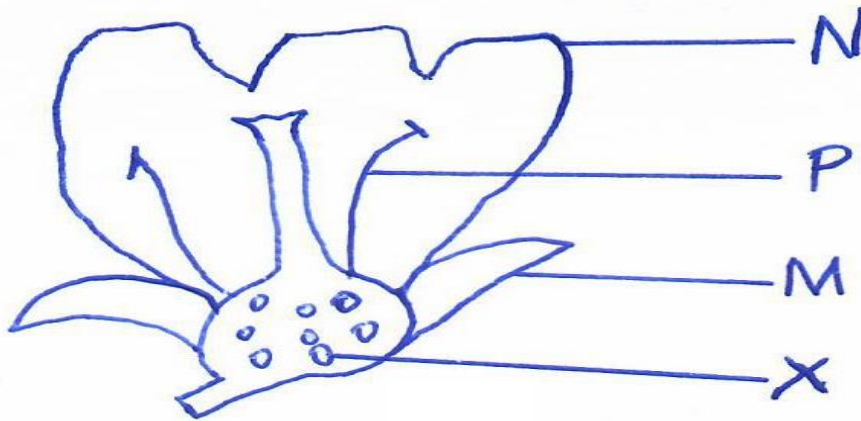
b) Write any two advantages of mulching a tomato garden.

i) _____

ii) _____

c) How can mulching be dangerous in the garden?

51. The diagram below is of a flower. Study it and answer the questions that follow.



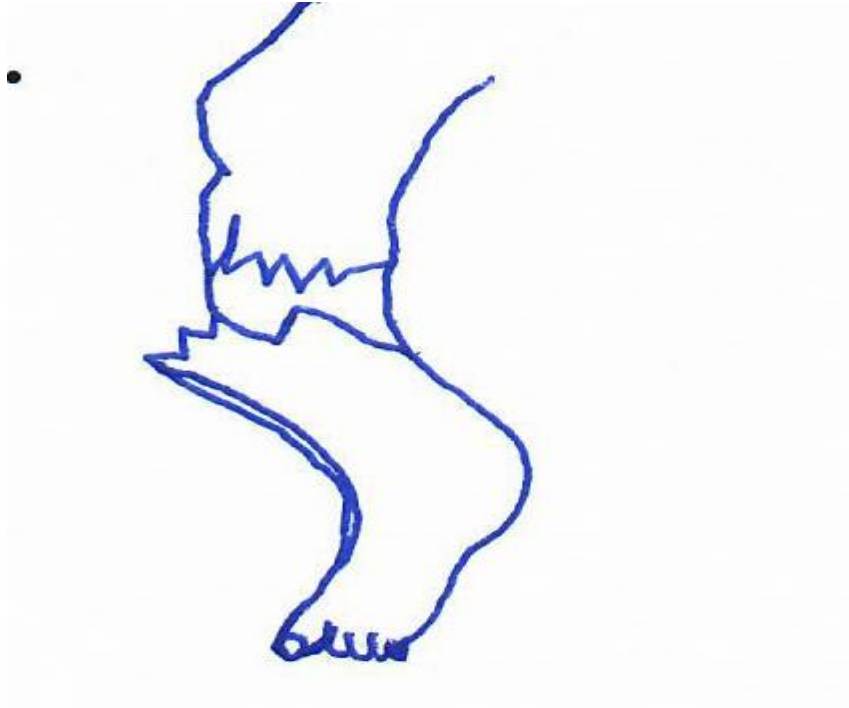
a) Name the parts marked with letter **N and **P**.**

i)N_____ **ii)P**_____

b) What will part **X develop into after fertilization?**

c) State the importance of part **M to the flower.**

52. The diagram below shows a fractured leg. Use it to answer questions that follow.



a) Name the type of fracture shown in the diagram above.

b) What first aid can you give to a person with such a fracture?

c) Give any two reasons why we give First Aid.

i) _____

ii) _____

53. a) Apart from rats and squirrels, name any other pest for root tubers.

b) Write down one effect of pests and diseases on root crops.

c) Mention any two ways of controlling rats in a sweet potato garden.

i) _____

ii) _____

54. a) Why is it important to preserve food?

b) List any two methods of preserving food at home.

i) _____

ii) _____

c) State any one danger of eating contaminated food.

55. (a) Name the poultry vice where birds eat the flesh of other birds.

(b) State any two causes of cannibalism.

i) _____

ii) _____

(c) Give one way of controlling the above vice in poultry.

END

PARENT'S NAME: _____

PARENT'S SIGNATURE: _____

DATE: _____