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.

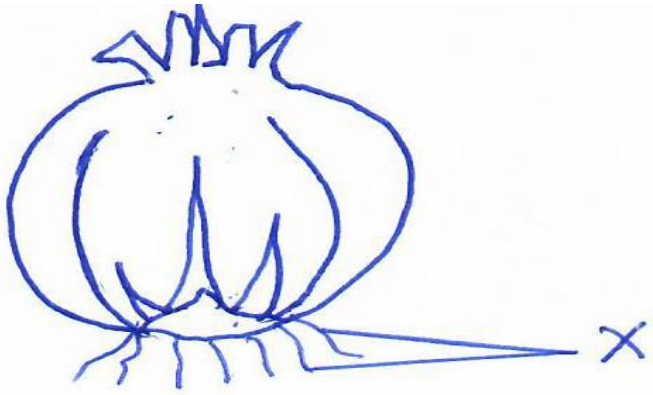
   _____

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?

_____

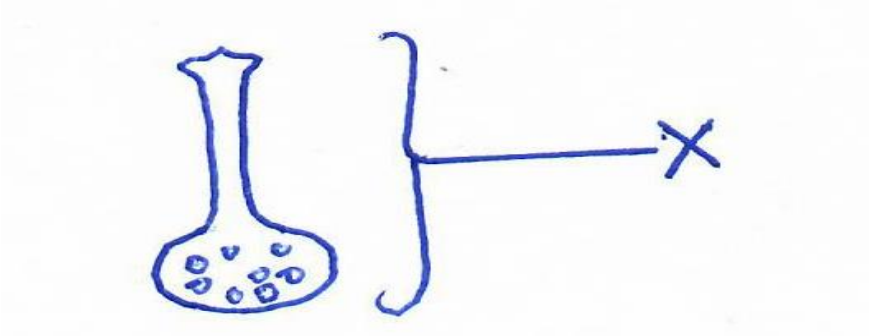
28. How is a flower useful to a plant?

_____

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?

_____

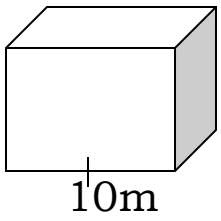
35. Why is loam soil regarded the best for crop growing?

_____

36. How is wind useful to man?

_____

37. Find the volume of the cube below.



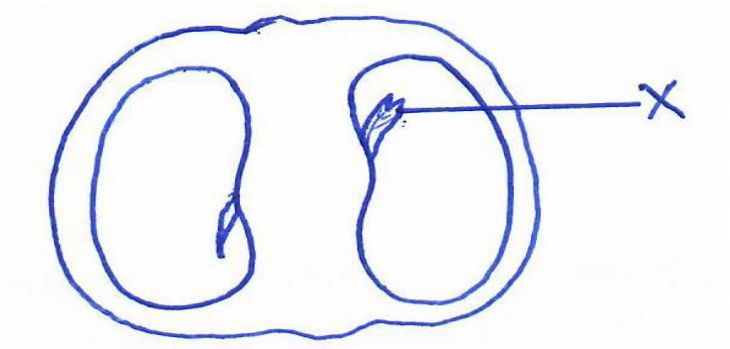
38. Mention one condition needed by a seed to germinate.

_____

39. Identify any one way of controlling the spread of malaria in an area.

_____

Study the diagram of a bean seed below and answer question 40.



40. Name part marked **X.**

_____

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) _____

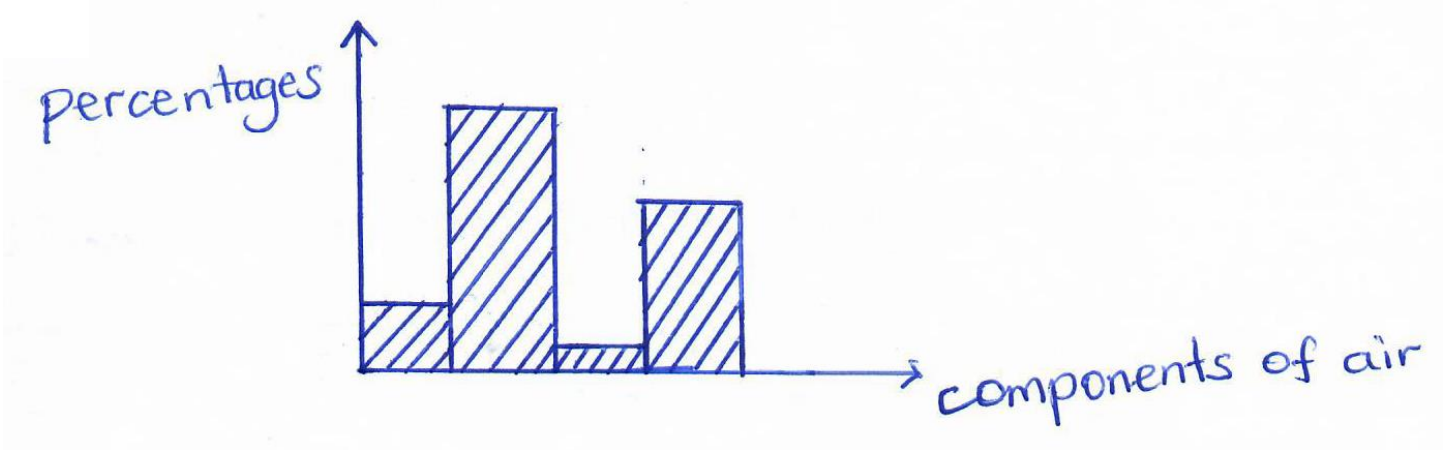
ii) _____

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

i) _____

ii) _____

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



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.

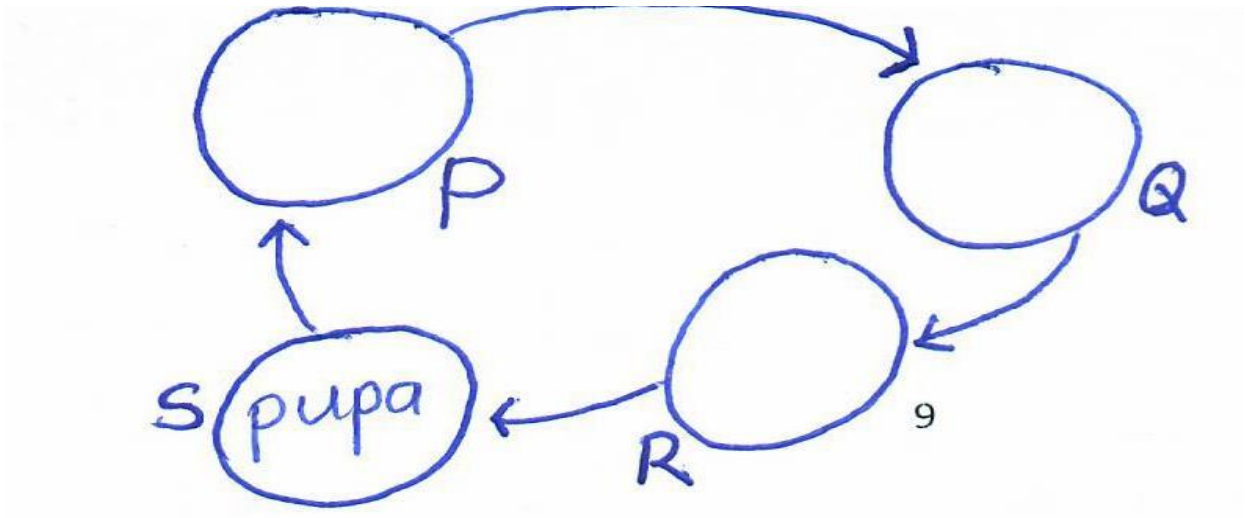
_____

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.

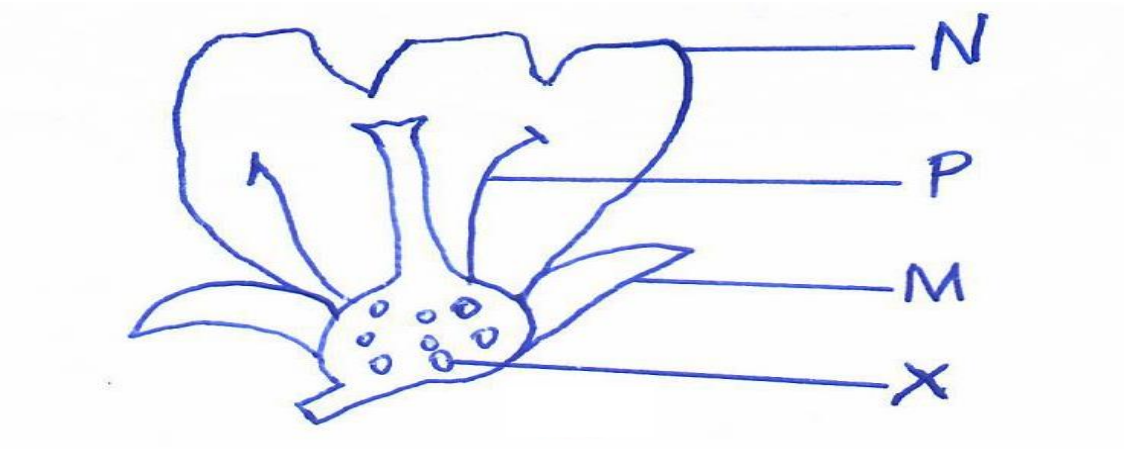
i)_____

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**_____

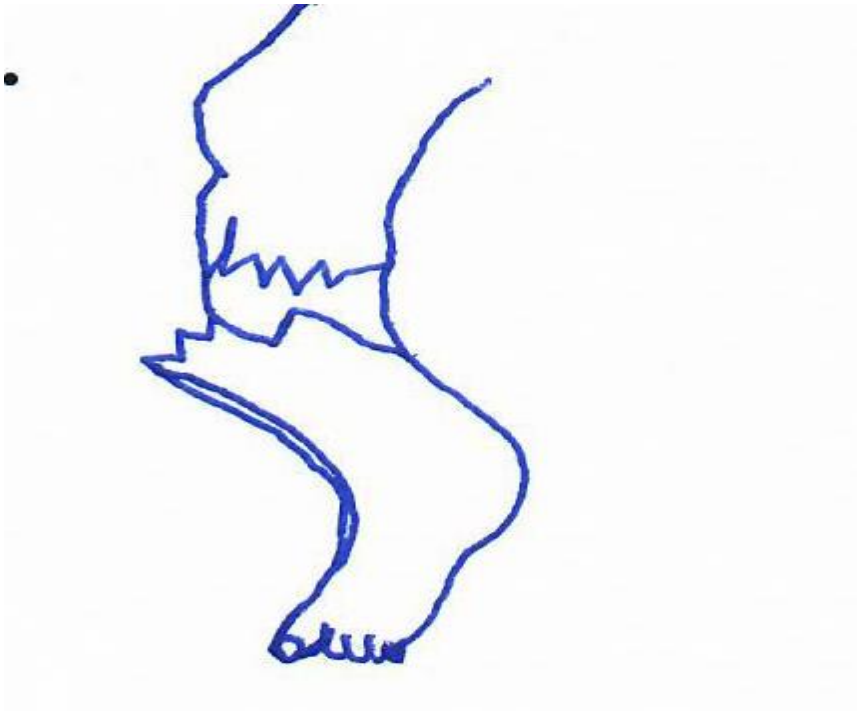
b) What will part **X** develop into after fertilization?

_____

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) A part 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:_____