

NAME: _____

PRIMARY FIVE SCIENCE REVISION PART 2 (FINAL)

1. Name any one vaccine administered to babies at birth.

2. What is volume?

3. When Bukirwa took her baby for immunization, the health worker told her to first present a child health card, why do you think the health worker did so?

4. Why do you think some schools do not have a fire extinguisher yet it is very important?

5. In which part of the body does chemical digestion of carbohydrates begin?

Below is a diagram of a farm structure. Use it to answer questions.



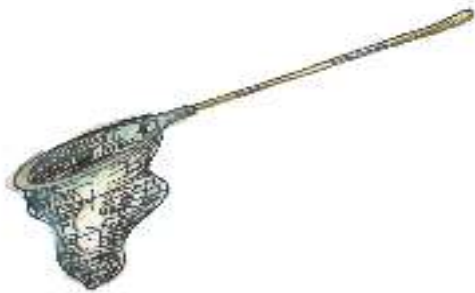
6. How is part marked S important on the farm structure?

7. Name any one crop whose seeds are first kept in the farm structure shown.

8. Apart from air, name the other soil component that occupies spaces in the soil.

9. What is the use of pores on the egg shell of an egg?

10. How is the equipment below important to a farmer handling bees?



11. State the function of the chisel shaped teeth in the mouth.

12. Why do farmers who rear local breeds of birds spend less on their treatment?

13. Name the method of soil formation that involves breaking down of rocks.

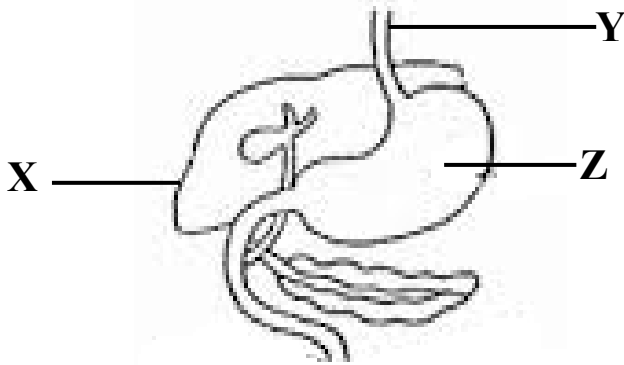
14. Use the following materials and draw and experiment to show that oil contains air.

(beaker, soil sample, water)

15. Find the density of an object whose mass is 150g and volume 30cc.

16. Why are babies given measles vaccine at 9 months?

The diagram below shows part of the digestive system. Use it to answer questions.



17. Name the organ marked X.

18. How is the organ you have named in (17) above important during digestion?

19. How can an apiarist prevent swarming of bees?

20. State the importance of earth worms in the soil.

21. An inflated balloon put under strong sunshine bursts after a few minutes. Why does this happen?

22. Name the body organ that patron uses to get information needed to answer a science exam.

23. Give any one way of caring for crops in the garden.

24. How does a dog benefit from the process of photosynthesis?

25. How is eating with unwashed hands dangerous to our health?

Use the list below to answer questions that follow.

dry wood, stone, nail, plastic, glass

26. Name any one material that will float on water.

27. Give the factor that makes the material you have named in (26) above to float.

28. Why do germinating bean seeds need oxygen?

29. Name any one material used to make a traditional bee hive.

30. Polythene bags are harmful when deposited into the soil. How are they harmful in the soil?

31. Give a reason why sugar disappears when mixed with water?

32. How is a clinical thermometer important to a health worker at Mengo hospital?

33. Complete the diagram below by putting the molecular arrangement of the gaseous state of matter.



34. Which part of beans is planted to get new bean crops?

35. Which immunisable disease is likely to be spread if one is cut with a rusty metal scrap?

36. Kamanzi sustained a compound fracture after falling from a mango tree. How can the broken bone be put back into order?

37. Give one reason why some eggs fail to hatch even after being incubated.

38. How is mercury returned to the glass bulb after taking temperature readings?

39. Name any one food preservation method that involves use of heat.

40. Sandy soil is not good for growing crops. What makes it not good for growing crops?

SECTION B

41. The table below shows ways of caring for crops. Use it to answer questions.

A	B	C	D
Pruning	Weeding	Spraying	Hardening off

a) Which of the above practice helps to reduce leaves on a banana plant?

b) How is practice D important to seedlings in a nursery bed?

c) Give any one method of carrying out practice B.

d) How else can a farmer control crop pests apart from using practice C?

42. a) Give any one example of a material used to mulch a garden.

b) Point the major reason for mulching a banana plantation.

c) How does mulching control soil erosion?

d) What is the danger of using undried mulches when mulching?

43. a) State the role of the following bees in a hive.

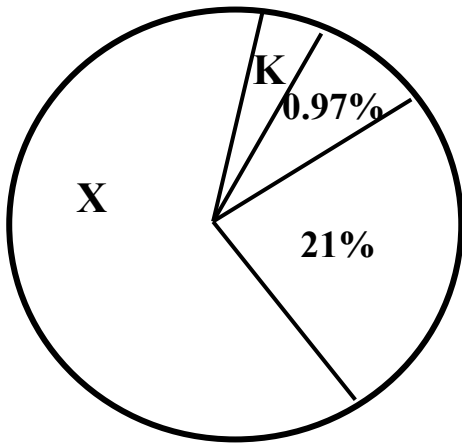
i) Queen bee _____

ii) Drone bee _____

b) Point out any one factor you would consider when siting a hive.

c) Name any one enemy of bees.

44. The pie-chart below shows components of air. Use it to answer questions that follow.



a) Name the component of air marked X.

b) What is the percentage of component marked K above?

c) Which percentage above represents the component of air needed for germination of seeds?

d) Which letter shows the gas needed by plants for photosynthesis?

45. a) Which part of the seed embryo grows into the root system?

b) Name any two conditions necessary for seed germination.

i) _____

ii) _____

c) Point out any one factor that can make a seed fail to germinate.

46. a) What is brooding?

b) Mention two types of brooding.

i) _____

ii) _____

c) Name any one example of special care given to chicks during brooding.

47. a) How are vectors different from pests?

b) Give two types of germs.

i) _____

ii) _____

c) Name one disease that may result from drinking contaminated water?

48. a) What do we call the stages of food production from clearing land to eating and using food in the body?

b) Mention two things which act as blocks to questions (a) above.

i) _____

ii) _____

c) Why is it important to feed on a balanced diet?

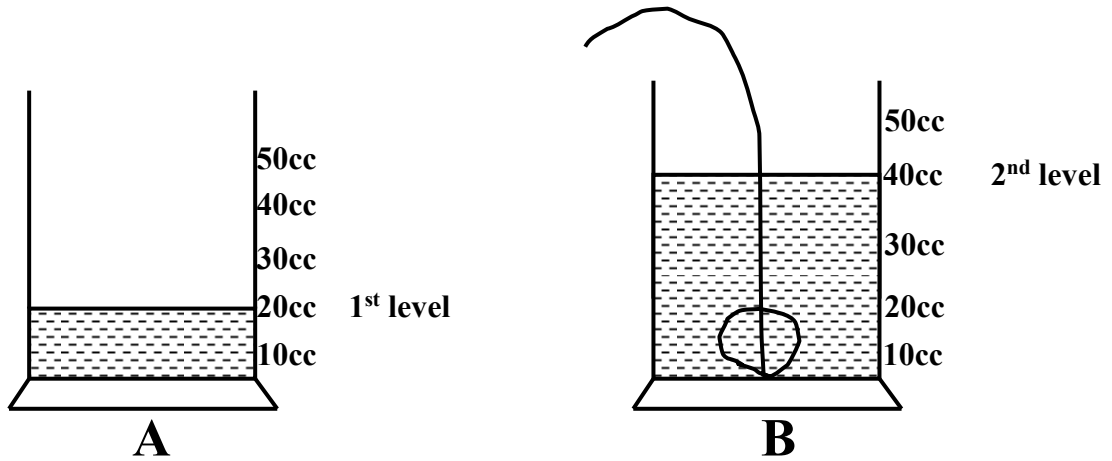
49. a) Give any one example of exotic breeds of rabbits.

b) Cite any one example of feeds given to rabbits.

c) Why is the hutch of rabbit raised from the ground?

d) How can we care for rabbits in order to control diseases among them?

50. Below is an experiment carried out by P.5 pupils. Use it to answer questions.



a) Calculate the volume of the stone. (2mks)

b) If the mass of a stone is 80g, find its density. (2mks)

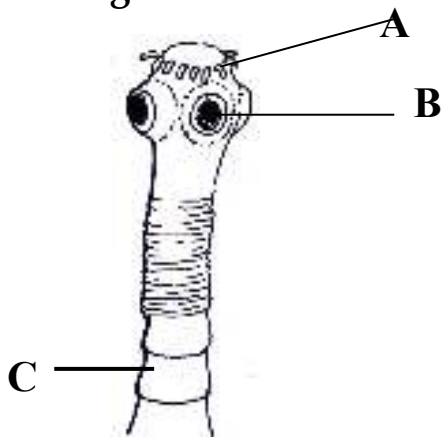
51. Match the vectors in A with the disease they spread in B.

- A**
- infected dogs
 - house fly
 - rat fleas
 - itch mites
 - infected dogs
 - house fly
 - rat fleas
 - itch mites

- B**
- scabies
 - bubonic plague
 - trachoma
 - rabies

52. a) Name any two items used during washing clothes.
- i) _____
- ii) _____
- b) Give any one disease that can be prevented through proper washing of clothes.
- _____
- c) Apart from washing clothes, how else can diseases be controlled?
- _____

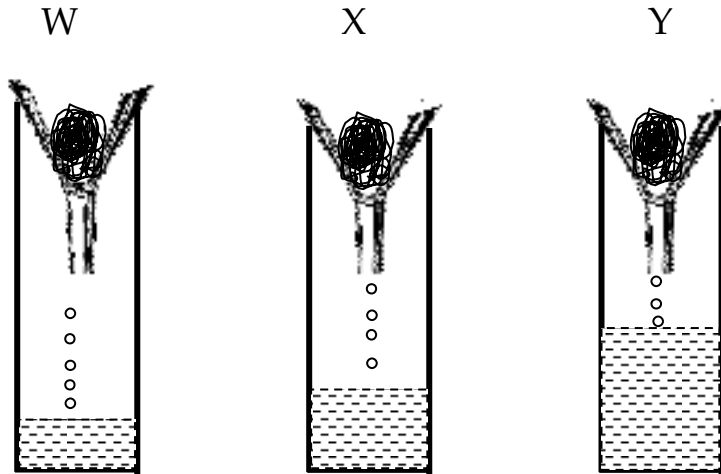
53. Use the diagram of a worm below to answer questions that follow.



- a) Name part B.
- _____
- b) How is part A useful to the above worm?
- _____
- c) How does the above worm get into the human body?
- _____
- d) Mention any other intestinal worm apart from the one drawn above.
- _____
54. a) Name the basic need that protects us from harsh weather and wild animals.
- _____
- b) Give any one role of the following people in the family.
- i) child _____
- ii) mother _____

c) Give any one member in an extended family that is not found in the nuclear family.

55. Study the diagrams below carefully and use them to answer questions that follow.



a) What does the above experiment show about soil?

b) Name the type of soil labelled W.

c) Why does soil Y allow water to pass through it more easily?

d) Give one characteristic of soil in container X.

THE END

Name: Stream:

SECTION A

1. Name any one disease spread by insect bites.

2. Which system of poultry keeping is most used by rural farmers?

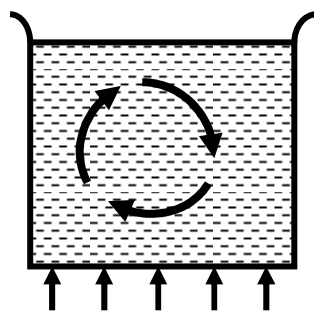
3. How is a child health card important to parents?

4. Lisa sits 3m away from the charcoal stove. How does heat from the charcoal stove reach Lisa?

5. What type of energy is possessed by a builder seated at the roof of a house?

6. Point out any one sign of a dehydrated child.

The diagram below shows water boiling in a sauce pan. Study it and answer questions that follow.



Heat

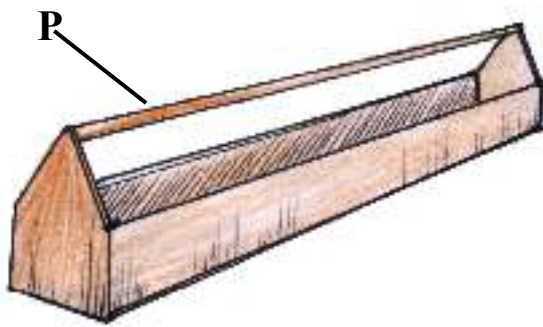
7. By what process does water boil?

8. Which component of soil is formed by weathering of rocks?

9. How do ducks reproduce?

10. Kasozi put sand in a container having water and he stirred. What happened to the sand?
-
11. How is saliva useful in the digestive system?
-
12. Which part of an irish potato is eaten?
-
13. What will happen if bees are attacked by their enemies?
-
14. Joan has a busy compound. She one time saw green snake in the compound. What advice can you give to Joan to avoid snakes in the compound?
-

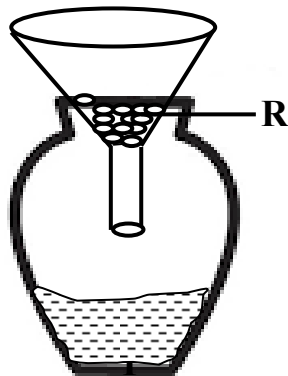
Use the diagram below to answer questions 15 and 16.



15. Why is the above equipment made when part P is rotating?
-
16. How is the above equipment important in poultry keeping?
-
17. Point out one way of controlling littering of rubbish in a school compound.
-
18. Name any one product obtained from domestic animals that is a source of proteins to people.
-
19. How is the brain important in the human body?
-
20. What role do teeth play in the digestion of food?
-

21. Give one way rainfall is dangerous in the environment.

Use the diagram below to answer questions that follow.



22. Name part marked R.

23. How is the above method applied in our homes?

24. A snake moves from one place to another by slithering. Why does it move from place to place?

25. Give one reason why a goat is called a living thing.

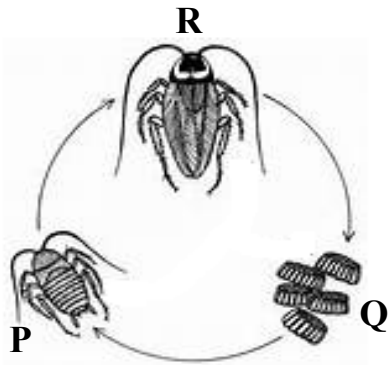
26. Name the disease of teeth which results from eating too much sweets.

27. In one litre of clean boiled water, put eight levelled teaspoons of sugar. What will be the measurement for salt when making ORS locally?

28. How do mushrooms reproduce?

29. State the method of heat transfer applied when ironing clothes.

Study the illustration and answer questions.



30. What type of metamorphosis is shown in the diagram above?

31. Name the stage marked P.

32. Name any one annual crop that can be included in crop rotation to maintain soil fertility.

33. Cite the soil conservation method that keeps moisture in the soil.

34. Conrad had his temperature recorded on a centigrade scale as 40°C . Change his temperature to degrees Fahrenheit.

35. Name any one garden tool used to clear land for a school garden.

36. What is the danger of eating under cooked meat?

37. How are ventilators important in a living house?

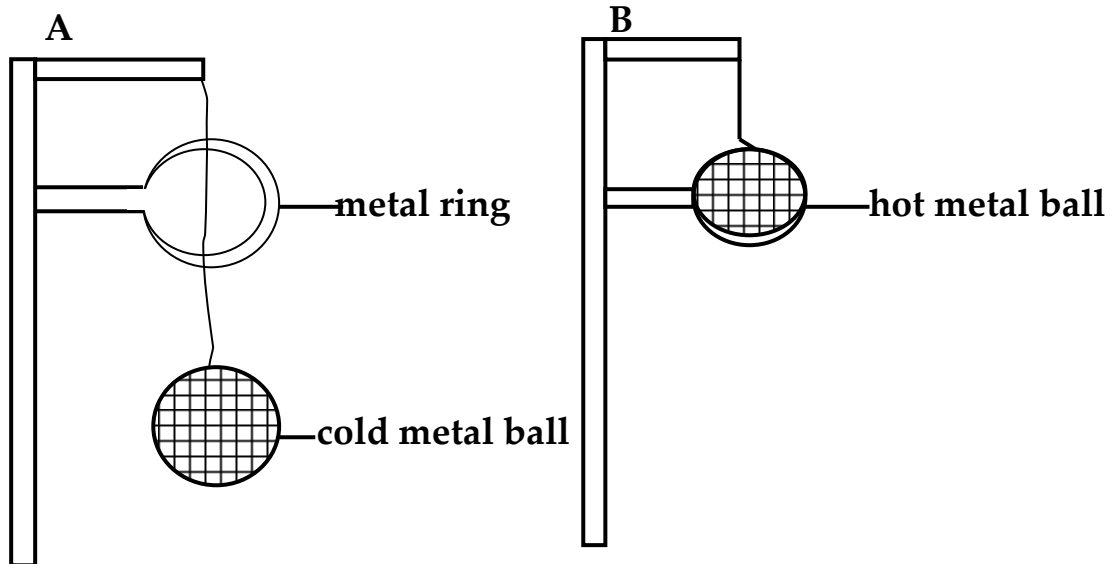
38. What injury is caused by hot water when it comes into contact with the skin?

39. Name the part of air that occupies the highest percentage in the atmosphere.

40. State any one way of controlling field crop pests.

SECTION B

41. Below is an experiment carried out by P.5 pupils used it to answer questions that follow.



a) What does the experiment above show about matter?

b) Why did the metal fail to pass through the ring in B?

c) In which state of matter is the metal ball?

d) Mention the effect of heat gain to ice.

42. a) What part of a leaf performs the following functions?

i) attaching the leaf onto the branch

ii) distributing water and starch in a leaf

b) To which system of a flowering plant does a leaf belong?

c) Apart from photosynthesis, name any other process that takes place in leaves.

43. a) Name the vaccine administered to prevent the following immunisable diseases.

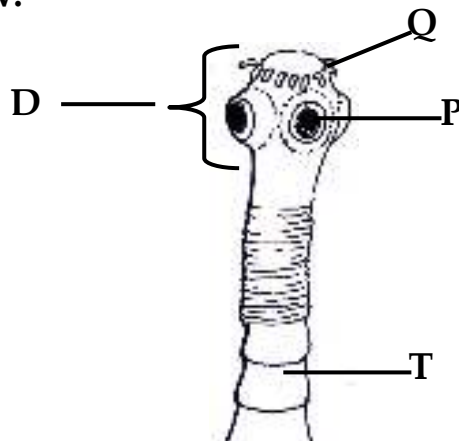
i) diphtheria _____

ii) measles _____

b) Why are pregnant women given Tetanus Toxoid vaccine?

c) At what age are babies immunised against measles?

44. The diagram below is a head of a tape worm. Use it to answer questions that follow.



a) Name part marked P.

b) State the use of part marked T to the parasite.

c) What does the worm feed on in the body of a host?

d) How is the feeding habit of the above worm dangerous to human health?

45. Use the list below to answer questions.

Yeast, mushroom, puffballs, moulds, toadstools

a) To which group of living things do the above belong?

b) Name the organism responsible for

i) baking bread

ii) making food go bad

c) Why shouldn't people eat any mushroom they find?

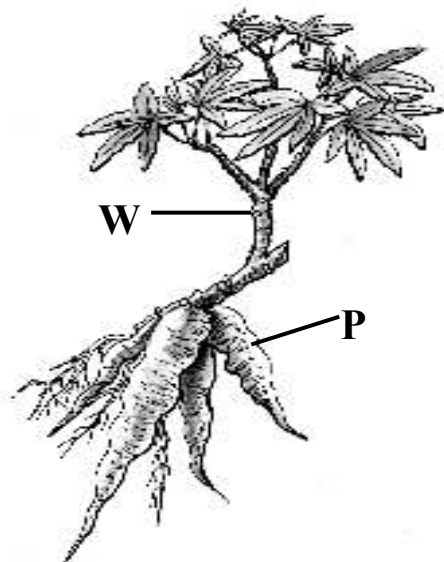
46. a) Give the main natural source of water in the environment.

b) Point out any one industrial use of water.

c) Name any one disease that affects people who drink contaminated water.

d) Why is water called a universal solvent?

47. Below is a diagram of a part of a crop. Use it to answer questions.



a) State the use of part marked P to a plant.

b) Where does the above plant obtain food when all its leaves have fallen off?

c) Name any one disease that affects the plant shown.

d) Point out one care you can give to such a plant.

48. Amongi cut herself with a razorblade while sharpening a pencil.

a) Name any two materials you can use to give first aid to Amongi.

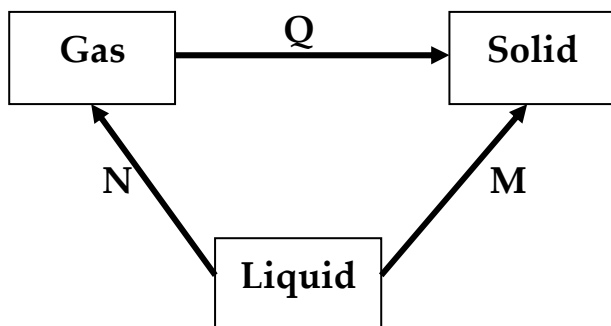
i) _____

ii) _____

b) Why would you give first aid to Amongi after such an accident?

c) Apart from cuts, give one other accident that can happen to children at school.

49. a) Use the illustration below to answer questions that follow.



a) Name the process shown by arrows.

i) Q _____

ii) M _____

b) Name the form of energy that enables process N to occur.

c) Give any one example of matter in gaseous state.

50. a) What is sanitation?

b) Point out any one activity done to promote good sanitation in an area.

c) How are houseflies adapted to spreading germs to people?

d) How do mosquitoes balance while flying?

51. a) How is wind different from air?

b) Name the weather instrument used to measure the speed of wind.

c) Mention the elements of weather which are useful in the following activities.

i) winnowing_____

ii) drying harvested crops_____

52. **Fill in the missing words correctly about digestion of food in the stomach.**

When food reaches the stomach, _____ kills germs that come along with it. Milk proteins are clotted by _____ and proteins are broken down to peptides by _____ .

_____ is one of the substances absorbed in the stomach.

53. a) What property of air is demonstrated when you spray insects using insecticides?

b) How are the following gases important in the environment?

i) oxygen

ii) carbon dioxide

c) Give one way air can be dangerous to people.

54. Apiculture is the rearing and management of bees.

a) How is the above practise important to crop production?

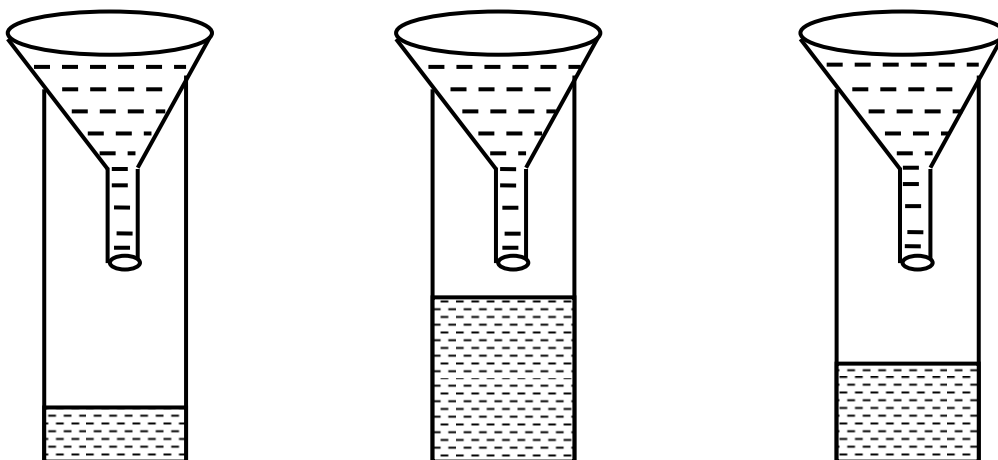
b) Give any two factors that may make bees to leave their hive. (swarm)

i) _____

ii) _____

c) How are worker bees important in a hive?

55. **The diagram below show an experiment carried out by P.5 learners about soil.**



A

B

C

a) What does the experiment prove about soil?

b) Name the type of soil marked B.

c) Give any one characteristic of soil type marked A.

d) State the use of soil marked C.

THE END

Name:.....Stream:.....

SECTION A

1. Name any one type of poultry.

2. Apart from protection from enemies, why does a chameleon change colour according to the surrounding?

3. Why is it important to plant grass in the school compound?

4. State the use the garden tool below in our homes.



5. How can the above garden tool be protected from rusting?

6. Suggest any one requirement needed for a seed to germinate.

7. A P.5 boy threw a piece of paper on water and it remained on top. Give one reason why the piece of paper remained on top of water.

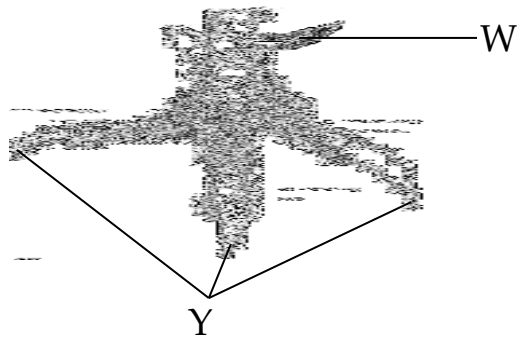
8. Why should fresh fruits be washed before eating them?

9. What do farmers do on their farms during the dry season?

10. How important is a canine tooth in the process of eating food?

11. Apart from using a fire extinguisher, how else can fire be put out?

Use the diagram of a bird below to answer number 11 and 12 below.



12. What is the function of the part marked letter y the bird?

13. How is part W useful to birds that have it?

14. Identify the property of air that enables one to drink soda from a bottle using a straw?

Use the list below to answer question 14 and 15 .

housefly, mosquito, tick, cockroach.

15. Which of the above organisms not regarded as an insect?

16. Give a reason for your answer in (14) above.

17. Mention the body organ responsible for storing information,

18. Kyeswa grows his crops in loam soil. Why does Kyeswa use loam soil but not other types of soil?

19. What enables a housefly to transmit germs from one place to another?

20. How can much rainfall be dangerous to our environment?

21. How is collecting of nectar from flowers by bees important to crops?

22. Kamaali feeds his children daily on cassava, sweet potatoes and maize.

Which class of food do his children get from the above food staffs.

23. How is the above class of food useful to their bodies?

24. Give one health problem Kamaali's children are likely to face.

25. What do we call the type of feathers found at the wings of birds?

26. How do tape worms enter our bodies?

27. Namusoke had an accident and broke her hand. The broken bone pierced the skin and came out.

28. Name the type of fracture Namusoke sustained.

29. Describe the first aid Namusoke should be given.

30. Give any one crop that is stored in the granary.

31. How does brushing of teeth help to control tooth decay?

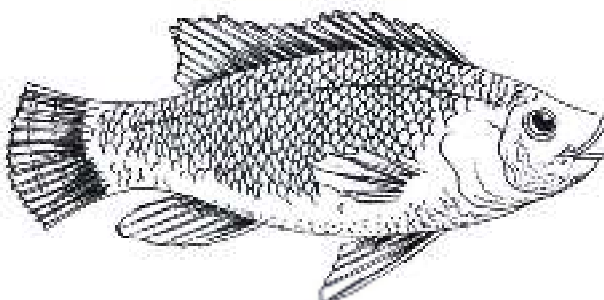
32. Why is smoking of pitlatrines a good practice at our homes?

33. State any one place where germs are found.

34. How can a dehydrated person betrayed?

35. Give any one advantage of crop rotation.

Use the diagram of a fish below to answer questions 35 and 36.



36. On the diagram of a fish below use an arrow and letter Y to show the part that helps the animal to move in water.

37. What type of food value do we get from eating the above animal?

38. What type of germination does maize undergo?

39. How does a caterpillar protect itself from enemies?

40. Jimmy had a bad breath. Which advice would you give to him to overcome such a problem?

SECTION B.

41. a) Suggest two ways you can keep your body clean.

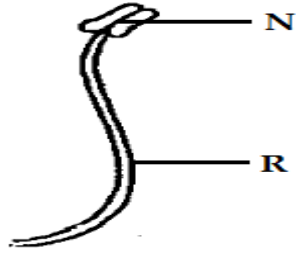
i. _____

ii. _____

b) Why should we keep proper personal hygiene?

c) Of what importance is a towel to a primary Five child?

42. The diagram below shows a part of a flower. Use it to answer questions.



a) Name the part marked

i. N _____

ii. R _____

b) State the function of part marked N.

c) What name is given to the part of a flower shown?

43. Photosynthesis is the process by which plants make their food by the help of sunlight energy.

a) Why can't photosynthesis take place at night?

b) Which raw material for photosynthesis is used by seeds during germination?

c) Write down the gas given out by plants during photosynthesis.

d) How is photosynthesis useful to animals?

44. a) What is soil erosion

b) List any one agent of soil erosion

c) State any two ways of controlling soil erosion.

i. _____

ii. _____

45. Match the list in A with their meaning in B.

- | | |
|------------------|---|
| a) Temperature | the process by which plants lose water in form of water vapour. |
| b) Poultry | the removal of plants that grow where they are not wanted. |
| c) Weeding | these are all kinds of domestic birds. |
| d) Transpiration | the degree of hotness or coldness of matter. |

a) Temperature _____

b) Poultry _____

c) Weeding _____

d) Transpiration _____

46. a) Give any one cause of road traffic accidents

b) Mention any two reasons why casualties are given first aid.

i. _____

ii. _____

c) State any one quality of a good first aider.

47. a) Point out any two ways of caring for crop in the garden.

i. _____

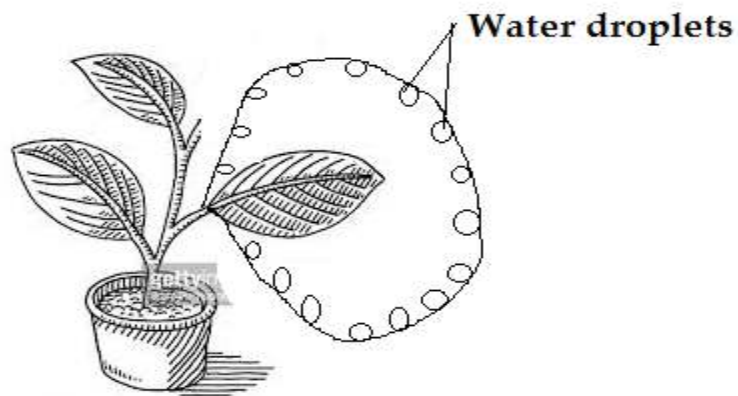
ii. _____

b) Give any two ways of controlling crop pests in the garden.

i. _____

ii. _____

48. Use the diagram below to answer questions that follow.



a) Name the process experimented above in the diagram.

b) How is the process important to;

i. Plants _____

ii. Environment _____

c) State any one factor that affects the rate of the process in the experiment above.

49. a) Mention any two examples of exotic breeds of rabbits.

i. _____

ii. _____

a) Identify any one disease that attacks rabbits.

b) How is the keeping of rabbits important to people?

50. a) What is the use of the following in our homes

i. Latrines _____

ii. Rubbish pits. _____

b) State one activity that can be done to keep latrines clean.

c) Give any one disease spread through poor sanitation.

51. a) Give any two examples of domestic animals used for transport.

i. _____

ii. _____

b) State any two reasons why animals move from one place to another.

i. _____

ii. _____

52. a) Which disease is spread by a tsetse fly to people?

b) Cite the way the following vectors can be controlled in our communities

i. Mosquitoes_____

ii. Houseflies_____

c) Where do mosquitoes lay their eggs?

53. a) Define the term air.

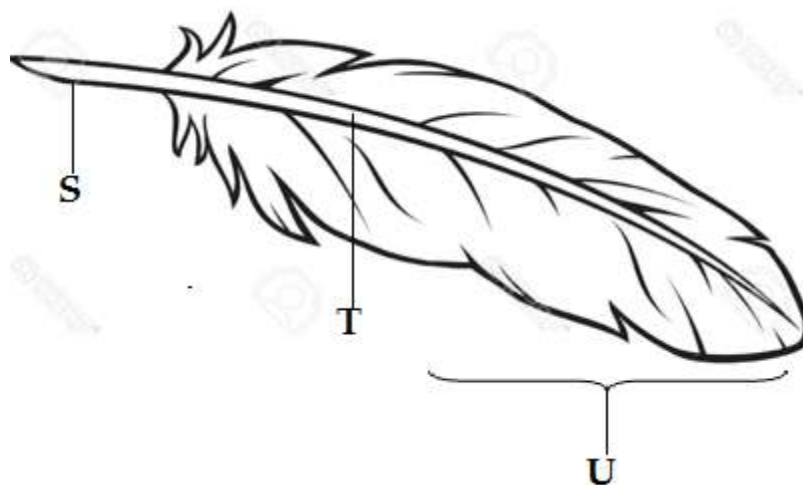
b) Identify the gases which support the following processes to occur.

i. Burning_____

ii. Germination_____

iii. Photosynthesis_____

54. Below is a diagram of a feather of a bird, Use it to answer questions that follow.



a) Name the parts marked with letters.

i) S_____ ii) U_____

b) Identify the type of feather shown above.

c) State the use of the feather above to a bird.

55. Fill in the gaps using the words below.

(Sun, evaporates, condenses, melt)

In rainfall formation, the _____ heats the water body.

The water _____ to form water vapour. The water

vapour rises and _____ to form clouds. The clouds

become heavy, lower down and _____ to form rain.

END

Time allowed: 2 hours 15 minutes

Name: _____ **Stream:** _____

SECTION A: (40 marks)

1. Name the part of a plant that makes food.

2. Mention the component of air needed to preserve bottled drinks.

3. Why is mercury the best liquid to be used in clinical thermometers?

4. Which form of energy from the sun enables us to see?

5. From which part of an egg does a chick develop?

6. State one reason why milk is considered a liquid.

7. Why wouldn't you place ventilators below windows?

8. Give one method farmers use to control parasites in goats.

9. Why is filtration not considered a safe way of making water safe for drinking?

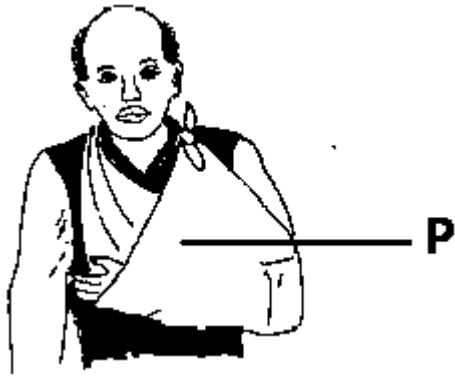
10. Mention one way we can take care of our teeth.

11. Name the force that holds molecules of a liquid substance together.

12. What is docking?

13. State any one situation where bottle-feeding is considered a better method of feeding the baby than breastfeeding.

Use the diagram below to answer questions 14 and 15.



14. Name the first aid equipment marked P.

15. For what type of injury is the above equipment usually used?

16. Mention the element of Primary Health Care that prevents deficiency diseases.

17. Write one physical characteristic of a cereal crop.

The diagram below shows different organisms. Use it to answer the questions 18 and 19.



18. Which organism is different from the others in the list?

19. Give a reason for your answer in (18) above.

20. Mention one type of soil erosion.

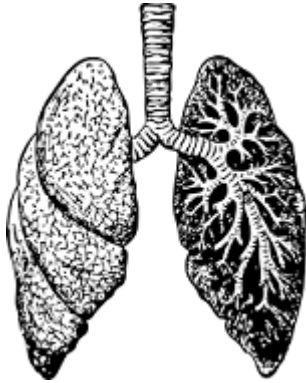
21. Give a method a P. 5 pupil can use to recover salt from a salt solution?

22. Mention one insect that undergoes an incomplete metamorphosis.

23. Mention one effect of heat on solids.
-
24. Why are mushrooms unable to manufacture their own food?
-
25. Name one fuel used for cooking.
-
26. Write PHC in full.
-
27. Draw the fibrous root system in the space below.
-
-
-
-
-
-
-
-
-
-
28. How is the weather forecast helpful to a crop farmer?
-
29. What advice can you give to a mother whose child has the following signs:
pot belly, very bright eyes, very thin with a face looking like that of an old man?
-
30. Mention one advantage of breastfeeding to a baby.
-
31. Mention one way of preparing food.
-
32. Give one indicator of food that has gone bad.
-
33. Name one storage facility for grains in a home.
-
34. Which immunisable disease is likely to attack people with no latrines in their community?
-
35. What is a fracture?
-
36. Why are telephone wires fixed loosely on poles?
-

37. What method is used to find the volume of irregular objects?

The diagram below a body organ. Use it to answer questions 38 and 39.



38. Name the organ shown above.

39. How is the organ useful in a human body?

40. Give one example of a vulnerable person.

Section B: (60 marks)

41(a) What is mixed farming?

(b) Name one breed of goats kept for milk production.

(c) Which fibre do farmers obtain from sheep?

(d) Mention one advantage of using paddock grazing in the management of sheep and goats.

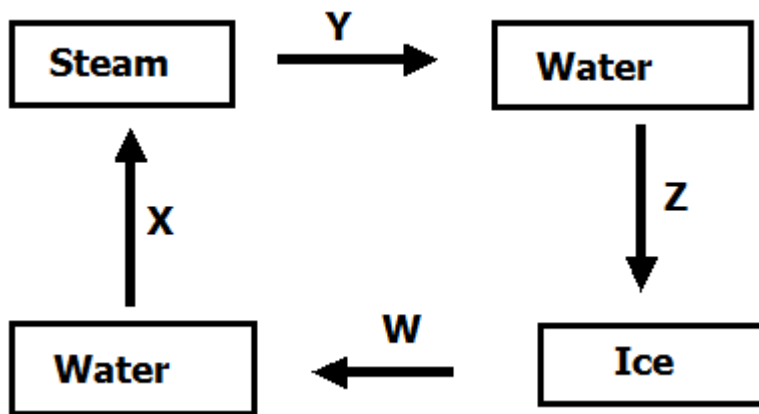
42(a) Give one example of a physical change.

(b) What type of change takes place when a seedling develops into a big plant?

(c) Give one characteristic of a chemical change.

(d) Point out one example of a chemical change.

43. The diagram below shows how water went through different changes of state. Use it to answer the questions that follow.



- (a) Name process marked X on the diagram.

- (b) Which letter marks the process through which dew is formed?

- (c) How is process marked W important to man?

- (d) Which form of energy is needed for process X to take place?

- 44(a) Give one condition needed for rusting to take place.

- (b) How does man benefit from the following process?

- (i) decomposition

- (ii) fermentation

- (c) Identify one material that can decompose.

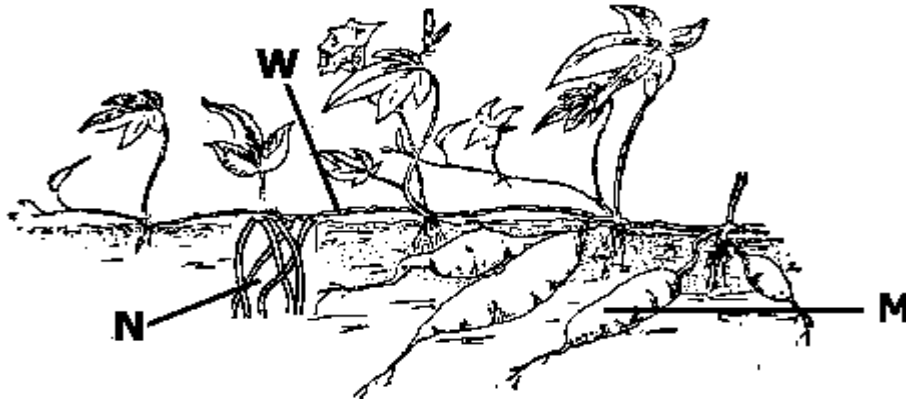
- 45(a) What is immunity?

- (b) What type of immunity is developed when vaccines are introduced into one's body?

- (c) What disease is one protected against by the BCG vaccine?

(d) How is the polio vaccine administered into the body?

46. **Study the diagram below is of a sweet potato plant. Use it to answer the questions that follow.**



(a) Name the type of roots marked N and M.

(i) M: _____

(ii) N: _____

(b) What type of stem is marked with letter W?

(c) How is part W important to a sweet potato plant?

47(a) Give one characteristic of sand soil.

(b) Write down the process through which rocks turn into soil.

(c) Apart from rock particles, name one other component of soil.

(d) Mention one way of controlling soil erosion on mountain slopes.

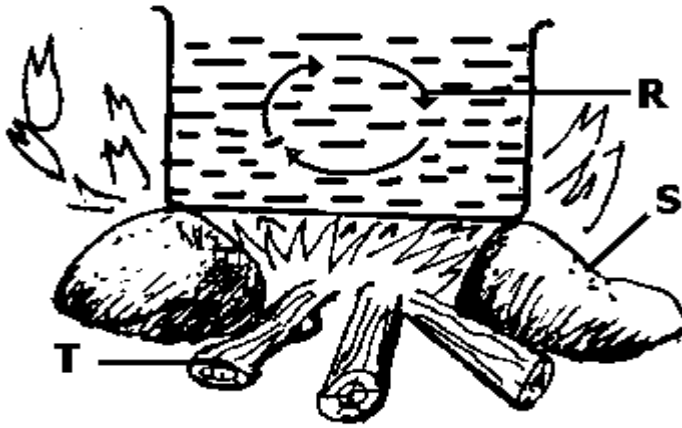
48(a) How is reproduction in mushrooms different from that in yeast?

(b) Give one moulds are important to man.

(c) State one way bacteria are important to a crop farmer.

(b) Name one shape of bacteria.

49. The diagram below shows water being boiled in a saucepan.



(a) Name parts marked R and S.

(i) R: _____

(ii) S: _____

(b) State the importance of T in the above experiment.

(c) Name the material from which the sauce pan is made.

50(a) What is digestion?

(b) Mention the digestive juice produced in the stomach.

(c) How is the liver important to process of digestion?

(d) Write down one disorder of the digestive system.

51(a) What is mass?

(b) What are the units for measuring volume?

(c) Calculate the density of a stone with mass of 30g and a volume of 6cc.

(d) Why does ice float on water?

52(a) What are vectors?

(b) At what stage is a mosquito dangerous to human health?

(c) How does a tsetse fly transmit diseases to humans?

(d) Mention one way of controlling mosquitoes at the larva stage.

53(a) What is an apiary?

(b) Mention one way bees benefit from a flower garden near their hive.

(c) Give one duty of a worker bee in a hive.

(d) State one importance of swarming to bees.

54(a) Why do poultry farmers keep broilers?

(b) Give one reason why layers sometimes eat their eggs.

(c) What should be done to prevent layers from eating their eggs?

(d) Mention one system used in keeping poultry.

55(a) What is sanitation?

(b) Mention one danger of having bushes around the home.

(c) State one way people in a home can make good use of waste paper.

(d) Give one danger of building a pit latrine near a water source.

Time: 2 Hours 15 minutes.

Name _____ **AD.No.** _____ **Stream** _____

1. Give any one use of feathers to a bird.

2. Which class of food is obtained from honey?

3. State any one use of soil to man.

4. Give the reason why we brush our teeth even after eating a good meal.

5. Name the type of birds kept for egg production.

6. Suggest one way we can care for our beedings.

7. Write any one way of preventing malaria.

8. What name is given to the part of a flower drawn below?

9. State the use of a canine teeth during digestion.

10. Give one example of a plant that stores its food in the roots.

11. How useful is a beak to a bird?

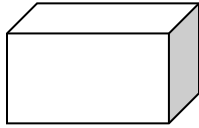
12. What do we call water in solid form?

13. Give a reason why air is regarded as matter.

14. State the instrument used to view microscopic organisms.

15. Mention any one flowering plant in our environment.

16. Calculate the volume of the cube below.



5 cm

17. Name the breathing organs of a fish.

18. What do we call the change of state from solids to liquids?

19. Write any one use of heat energy in a home.

20. Mention any equipment a bee keeper needs when harvesting honey.

21. State one activity a P.5 pupil can do to promote sanitation in the class room.

22. Identify any exotic breed of rabbits.

23. How do bacteria reproduce?

24. Why is a maize grain called a fruit?

25. Briefly explain the term "pollination."

26. In which part of the digestive system of bird is food moistened and softened?

27. In the space below, draw an illustration to show that air has weight.

28. Give a reason why a mushroom can't make its own food.

29. How useful are the spiracles to an insect?

30. Mention one living thing which protects itself by stinging.

31. How are nimbus clouds useful to a farmer?

32. Write down any one example of a dicotyledonous seed.

33. Mention one local method of preserving food.

34. Give one natural process that takes place in leaves.

35. Why should we boil water for drinking?

36. In which part of the digestive system does salivary amylase act on cooked starch

37. Why is a goat called a living thing?

38. Name the kind of traditional bee hive drawn below.

39. What is weeding?

40. State one common cause of road accidents in Uganda.

3

SECTION B

41. Match the weather instruments in a column A with the information given in column B.

A

B

i) Anemometer

strength of wind

ii) Wind sock

speed of wind

iii) Rain gauge

wind direction

iv) Wind vane

Amount of rainfall

i) Anemometer _____

ii) Wind sock _____

iii) Rain gauge _____

iv) Wind vane _____

42. a) What is germination?

b) List the three conditions necessary for seed germination.

i) _____ (ii) _____ (iii) _____

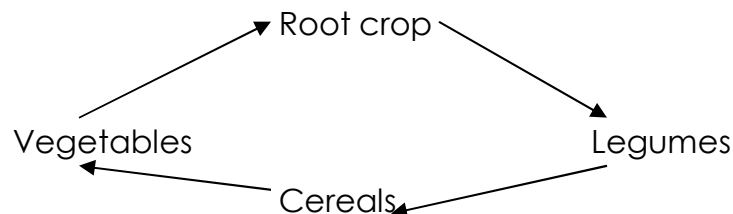
43. a) Name any one major class of food in a balanced diet.

b) Apart from Kwashiorkor, mention two other deficiency diseases.

i) _____ (ii) _____

c) Name one food stuff from which people get vitamin C.

44. **Study the diagram showing a certain farming practice and answer the questions that follow.**



a) Name the practice shown.

b) State two advantages of the practice shown to a crop farmer.

- i) _____
 ii) _____

45. a) Fill the table below about the 3Ds correctly.



- b) Which vector plays a role in the above order?

- c) Why is it important to wash hands after picking rubbish?

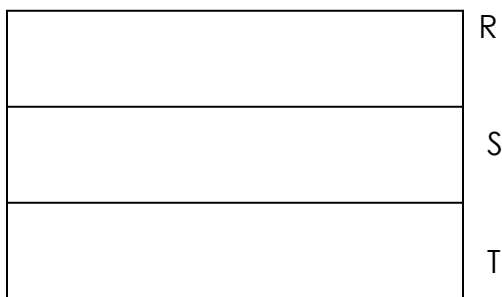
46. a) How is swarming different from a swarm?

- b) Write down any two duties of worker bees in a hive.
 i) _____
 ii) _____
- c) What is the main role of a queen bee in a colony of bees?

47. a) What is a fracture?

- b) Give at least two reasons why a casualty should be given first aid.
 i) _____
 ii) _____
- c) Identify one item found in a first aid box.

48. **The diagram below shows the vertical arrangement of soil layers.**



- a) What scientific name is given to arrangement of soil layers above?

- b) Name the layers of soil marked with letters S and T.
 i) S _____ (ii) T _____

c) Which letter represents the soil layer that supports crop cultivation?

5

49. a) What is immunity?

b) Write down two types of immunity.

i) _____ (ii) _____

c) At what age is measles vaccine given to a child?

50. Name the body organ which is used for:-

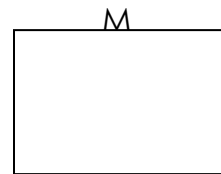
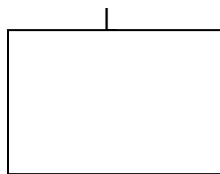
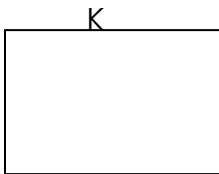
a) Pumping blood to all body parts.

b) Exchange of gases in the body. _____

c) Producing bile. _____

d) Remembering. _____

51. Use **the illustrations below to answer the questions that follow.**



a) Name the states of matter labeled:

i) K _____ (ii) L _____ (iii) M _____

b) Suggest any one substance with molecular arrangement L.

52. a) Mention any two properties of air.

i) _____ (ii) _____

b) Which components of air supports:-

i) burning _____ (ii) Photosynthesis _____

53. a) Write ORS in full.

b) Mention two solutes used for making ORS locally.

i) _____ (ii) _____

c) Why should a dehydrated person be given ORS?

54. Man needs basic needs such as food, shelter, clothes and medical care.

a) Which of the basic needs above protects man from harsh weather?

b) Identify the basic need from the list above that protects children from deficiency diseases.

c) Suggest two reasons why animals move from one place to another.

i) _____

ii) _____

55. **Below is a method of finding volume of irregular object. Study the diagram drawn and answer questions that follow.**

a) What is the volume of the irregular object?

b) Name the container labeled Q.

c) Which method of finding volume of irregular objects is shown in the diagram above?

d) Give one example of an irregular object.

Time: 2 Hours 15 Minutes

Name _____ **AD. No.** _____ **stream** _____

SECTION A

1. Name the thermometer used to measure the human body temperature.

2. Write down any type of bees found in a hive.

3. Why is a DPT vaccine called a triple vaccine?

4. Explain why some objects sink in water.

5. How are roots important to a cassava plant?

6. Apart from biological changes, name any one other type of change.

7. What part of a seed grows into the shoot system?

8. Write one activity carried out to protect children below five years from the childhood killer diseases.

9. How is a crop pest different from a vector?

10. Why should a good house have windows?

The diagram shows a blood cell.

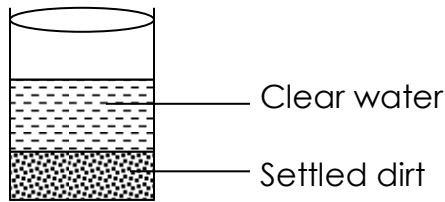
11. Identify the importance of the blood cell drawn above.

12. Write one functional difference between veins and arteries.

1

13. What type of poultry are reared for egg production?

The diagram shows a method of separating mixtures.



14. Identify the method illustrated above.

15. Suggest one activity that can be done using clean water obtained above.

16. Name the part of an egg that develops into a chick.

17. Identify the part of a cabbage plant that stores its food.

18. How do bacteria reproduce?

19. Name the force which brings objects thrown in air back to the ground.

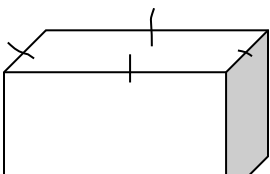
20. What weather instrument is used to measure the amount of rainfall received in an area?

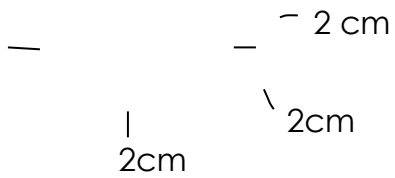
21. How do mothers protect their children who are three years from deficiency diseases?

22. Suggest the raw material for wax candles.

23. What important process takes place in the alveoli?

24. Find the volume of the figure below.





25. Suggest the type of weather used to sundry maize grains.

2

26. How is first aid different from a first aider?

27. Write any domestic animal that provides farm yard manure to framers.

28. Where does final digestion of food take place in the human alimentary canal?

29. Write down any tool used to measure length.

30. In which season are farmers seen busy preparing land for the next planting?

31. Which part of the skeleton protects the brain?

32. Identify the structures in the human nose that filter air we breathe in?

33. Write one example of a heat insulator.

34. Name the part of the body you can use to know that some one is wearing a torn shirt.

35. Suggest any one plant process that takes place in plant leaves.

36. Why is a lion not called a domestic animal?

37. State one way friction is important to P.5 pupils.

38. What type of bees are commonly seen around flowers?

39. In the space below draw an overflow can.

40. What is the gestation period of a female sheep?

3

SECTION A

41. a) What is matter?

b) Write down any two states of matter.

i) _____ (ii) _____

c) In which state of matter are the molecules closely packed together?

42. a) Give two reasons why farmers carry out crop rotation.

i) _____

ii) _____

b) Identify a group of crops that must not miss when carrying out crop rotation.

c) Give one other farming practice which is useful to soil besides crop rotation.

43. a) Which fungus is used in baking bread?

b) Write two dangers of fungi to people.

i) _____ (ii) _____

c) Mention one way people can control the danger of fungi on our skins.

44. a) Suggest any reason why farmers keep goats?

b) Write down any two methods used in goat rearing.

i) _____ (ii) _____

c) Point out any advantage of tethering method of rearing goats.

The diagram illustrates a root system of certain plants.

45. a) Name the structures marked K.

b) Give the importance of structure marked K.

c) Which component of air is fixed in soil by the organism found in K?

d) Identify one example of plant with such type of root system.

46. Complete the immunization table below.

DISEASE	VACCINE	AGE	BODY SITE
-----	measles vaccine	9 months	left upper arm
Tuberculosis	-----	At birth	Right upper arm
Polio	Polio vaccine	At birth	-----
Tetanus	-----	2 ½ , 4 ½ , 6 ½ months	left upper arm

47. a) Identify the form of energy that enables us to hear.

b) Suggest two main types of energy.

i) _____ (ii) _____

c) What type of energy is possessed by a stone resting on the ground?

48. a) What type of food is digested in the mouth?

b) Which structure in the mouth break down food into small pieces?

c) Identify the glands in the mouth that produce saliva.

d) Name the part of the alimentary canal that connects the mouth to the stomach.

The diagram shows a method used to find volume of irregular objects.

49. a) What type of object is marked P?

b) What is the volume of object marked P

c) Suggest the method used in the above experiment.

d) If the mass of the object is 60gm, find the density of the object.

5

50. a) What term is given to the growing of a seed into a seedling?

b) Suggest any two conditions that can enable seed germination.

i) _____ (ii) _____

c) Identify one crop that has seeds that are first looked after in a nursery bed.

The diagram shows part of the human lungs.

51. a) Identify the structure drawn.

b) Name the gas marked m.

c) Identify one disease that attacks the respiratory system.

d) Suggest the body system to which the lungs belong.

52. a) Match the following terms accordingly to those in B.

i) Nanny Female rabbit

ii) Sow Female sheep

iii) Ewe Female goat

iv) Doe Female pig

i) Nanny _____

ii) Sow _____

iii) Ewe _____

iv) Doe _____

53. a) Give a reason why plants with weak stems climb others.

b) Name any two types of stems.

i) _____ (ii) _____

c) Name one plant which is grown from its stem.

6

54. a) Identify each of the drawn garden tools.

i) A _____ (ii) B _____

b) Identify the garden tool that can be used to carry heavy feeds for pigs.

c) Which garden tool is used to cut down big trees on a farm?

The diagram shows an equipment that was carried out by the P.5 pupils.

55. a) Which piece of wax will melt first?

b) Give a reason to support your answer.

c) Which letter shows the piece of wax that will melt last?

e) By what process does heat from the candle travel through the iron rod?

Time: 2 Hours 15 minutes

Name _____ **AD. No** _____ **Stream** _____

1. Name one example of a root tuber.

2. Suggest the type of insemination in which sperms are deposited into the female cattle by the bull.

3. What name is given to animals with back bones?

4. Name the human body organ that uses light energy to its function.

5. State one way in which echoes can be controlled in cinema halls.

6. Give the role of a chameleon in the control of diarrhoeal diseases.

7. Why should water for drinking be boiled?

8. Why can't green plants make their own food at night?

9. Name the part of a flower that produces pollen grains.

10. How are gills important to a fish?

11. Which of these:- bird, lizard, insect, snake and rat does not lay eggs?

12. Give one way farmers can care for seedlings in the nursery bed.

13. **The diagram below shows an internal parasites. Use it to answer question.**

Name the worm shown above.

14. State one reason why people eat food.

15. Name the part of the skeleton responsible for the safety of the brain.

16. Which type of change occurs when salt dissolves in water?

17. Identify the liquid metal commonly used in thermometers.

18. Which sexually transmitted disease can cause blindness in babies?

19. Why does a piece of iron sink in water?

20. **The diagram below shows a flower part.**

Name the part which is marked with letter p.

21. Define the term "mulching"

22. Give one examples of crop pest.

23. State one poultry vice which reduces the number of eggs collected per day in a poultry house.

24. Identify immunisable disease whose vaccine is administered orally.

25. Give one reason why washing our school uniform is a good practice.

2

26. Which process in humans has a similar function as transpiration in plants?

28. Name one part of a seed that grows into the shoot system.

29. Mention one method of separating a mixture of iron pins from sand.

30. Give one example of a flying mammal.

31. Which disease is spread by a tsetsefly to human beings?

32. State one way in which school children can avoid HIV/AIDS amongst themselves.

33. **The diagram below shows the body formation of a type of cattle.**

Why do most farmers prefer this type of cattle to others?

34. State the component of air which puts out fire when one is using a fire extinguisher.

35. What is the main function of the equipment below in promoting health hygiene

36. Why is it not advisable to use a tooth pick or any sharp object to get out wax from our ears?

37. How is resting similar to germination?

38. Why is breast milk referred to as the best food for babies?

39. Define "Volume" as it is used in sound energy.

40. Which class of food protects the body against diseases?

3

SECTION B

41. a) What is pollination?

b) Mention any two agents of pollination?

i) _____ (ii) _____

c) Give one characteristic of insect pollinated flowers.

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

b) Give any two elements of P.H.C.

i) _____ (ii) _____

c) Which element of P.H.C is promoted when children are given measles vaccine at 9 months?

43. **The diagram below show drums.**

a) How do the drums able to produce sound?

b) If all drums are played at the same time, which drum will produce the:

i) Highest pitch of sound? _____

ii) Lowest pitch of sound? _____

c) Give a reason why the drum named above (ii) produced the lowest pitch of sound.

44. Use the diagram below to answer the following questions.

a) Name the part of the leaf marked:-

i) P _____ (ii) R _____

b) What is the function of the structure marked T.

c) Give one function of leaves to farmer

45. a) Name one method of producing alcohol.

b) In which one way is alcohol important to people?

c) Give one reason why people drink alcohol.

d) Suggest one effect of alcohol to the family.

46. Study the diagram below and use it to answer questions.

(a) Identify the structure marked Y.

(b) Give one example of a bird with such a foot.

(c) Give the importance of the structure Y to the bird.

(d) Where do birds of such feet commonly live?

47. a) Write STDs in full.

b) Give any two examples of STDs.

i) _____ (ii) _____

c) State one way the spread of STDs can be controlled in married couples.

48. Name the body organ responsible for pumping blood to all body parts.

b) Give any two components of blood.

i) _____ (ii) _____

c) Name the component of blood responsible for transporting oxygen.

5

49. a) What is a fracture?

b) Give two types of fractures.

i) _____ (ii) _____

c) Identify the type of fracture below.

50. **Match the garden tool in list A to its function in list B.**

A

- a) trowel
- b) panga
- c) watering can
- d) a hoe

B

- weeding
- transplanting seedling
- digging stony areas
- watering crops.
- cutting small trees

- a) trowel _____
- b) panga _____
- c) watering can _____
- d) a hoe _____

51. a) State any two agents of soil erosion.
i) _____ (ii) _____
- b) Give one way soil erosion can be controlled in hilly areas.

- c) Mention one cause of soil erosion.

52. a) What type change takes place when:-
i) An egg hatches into a chick _____
ii) Iron rusts _____
iii) Ice melts to liquid _____
- b) State one condition necessary for rusting to take place.

6

53. a) In the human reproductive system. State where each of the following takes place.
i) Fertilization _____
ii) Implantation _____
- b) State the gestation period of a human being.

- c) Suggest one primary sex characteristic among girls.

54. a) What is immunity?

- b) Give the two vaccines given to children at birth.
i) _____ (ii) _____
- c) Which vaccine is administered to children using an injection at 6 weeks?

55. a) Define the term dehydration.

b) Give any two causes of dehydration.

i) _____ (ii) _____

c) State one sign of a dehydrated person.

END

Time: 2 Hours 15 Minutes

Name _____ AD. No. _____ stream _____

SECTION A

1. Name the thermometer used to measure the human body temperature.

2. Write down any type of bees found in a hive.

3. Why is a DPT vaccine called a triple vaccine?

4. Explain why some objects sink in water.

5. How are roots important to a cassava plant?

6. Apart from biological changes, name any one other type of change.

7. What part of a seed grows into the shoot system?

8. Write one activity carried out to protect children below five years from the childhood killer diseases.

9. How is a crop pest different from a vector?

10. Why should a good house have windows?

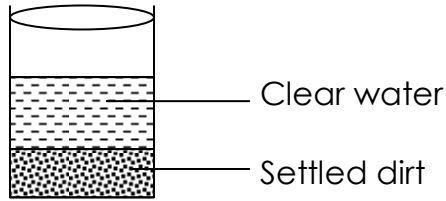
The diagram shows a blood cell.

11. Identify the importance of the blood cell drawn above.

12. Write one functional difference between veins and arteries.

13. What type of poultry are reared for egg production?

The diagram shows a method of separating mixtures.



14. Identify the method illustrated above.

15. Suggest one activity that can be done using clean water obtained above.

16. Name the part of an egg that develops into a chick.

17. Identify the part of a cabbage plant that stores its food.

18. How do bacteria reproduce?

19. Name the force which brings objects thrown in air back to the ground.

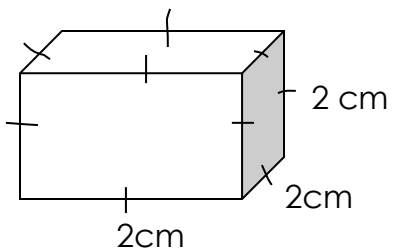
20. What weather instrument is used to measure the amount of rainfall received in an area?

21. How do mothers protect their children who are three years from deficiency diseases?

22. Suggest the raw material for wax candles.

23. What important process takes place in the alveoli?

24. Find the volume of the figure below.



25. Suggest the type of weather used to sundry maize grains.

26. How is first aid different from a first aider?

27. Write any domestic animal that provides farm yard manure to framers.

28. Where does final digestion of food take place in the human alimentary canal?

29. Write down any tool used to measure length.

30. In which season are farmers seen busy preparing land for the next planting?

31. Which part of the skeleton protects the brain?

32. Identify the structures in the human nose that filter air we breathe in?

33. Write one example of a heat insulator.

34. Name the part of the body you can use to know that some one is wearing a torn shirt.

35. Suggest any one plant process that takes place in plant leaves.

36. Why is a lion not called a domestic animal?

37. State one way friction is important to P.5 pupils.

38. What type of bees are commonly seen around flowers?

39. In the space below draw an overflow can.

40. What is the gestation period of a female sheep?

SECTION A

41. a) What is matter?

b) Write down any two states of matter.

i) _____ (ii) _____

c) In which state of matter are the molecules closely packed together?

42. a) Give two reasons why farmers carry out crop rotation.

i) _____

ii) _____

b) Identify a group of crops that must not miss when carrying out crop rotation.

c) Give one other farming practice which is useful to soil besides crop rotation.

43. a) Which fungus is used in baking bread?

b) Write two dangers of fungi to people.

i) _____ (ii) _____

c) Mention one way people can control the danger of fungi on our skins.

44. a) Suggest any reason why farmers keep goats?

b) Write down any two methods used in goat rearing.

i) _____ (ii) _____

c) Point out any advantage of tethering method of rearing goats.

The diagram illustrates a root system of certain plants.

45. a) Name the structures marked K.

b) Give the importance of structure marked K.

c) Which component of air is fixed in soil by the organism found in K?

d) Identify one example of plant with such type of root system.

46. Complete the immunization table below.

DISEASE	VACCINE	AGE	BODY SITE
----- Tuberculosis	measles vaccine -----	9 months At birth	left upper arm Right upper arm
Polio	Polio vaccine	At birth	-----
Tetanus	-----	2 ½ , 4 ½ , 6 ½ months	left upper arm

47. a) Identify the form of energy that enables us to hear.

b) Suggest two main types of energy.

i) _____ (ii) _____

c) What type of energy is possessed by a stone resting on the ground?

48. a) What type of food is digested in the mouth?

b) Which structure in the mouth break down food into small pieces?

c) Identify the glands in the mouth that produce saliva.

d) Name the part of the alimentary canal that connects the mouth to the stomach.

The diagram shows a method used to find volume of irregular objects.

49. a) What type of object is marked P?

b) What is the volume of object marked P

c) Suggest the method used in the above experiment.

d) If the mass of the object is 60gm, find the density of the object.

50. a) What term is given to the growing of a seed into a seedling?

b) Suggest any two conditions that can enable seed germination.

i) _____ (ii) _____

c) Identify one crop that has seeds that are first looked after in a nursery bed.

The diagram shows part of the human lungs.

51. a) Identify the structure drawn.

b) Name the gas marked m.

c) Identify one disease that attacks the respiratory system.

d) Suggest the body system to which the lungs belong.

52. a) Match the following terms accordingly to those in B.

i) Nanny Female rabbit

ii) Sow Female sheep

iii) Ewe Female goat

iv) Doe Female pig

i) Nanny _____

ii) Sow _____

iii) Ewe _____

iv) Doe _____

53. a) Give a reason why plants with weak stems climb others.

b) Name any two types of stems.

i) _____ (ii) _____

c) Name one plant which is grown from its stem.

54. a) Identify each of the drawn garden tools.

i) A _____ (ii) B _____

b) Identify the garden tool that can be used to carry heavy feeds for pigs.

c) Which garden tool is used to cut down big trees on a farm?

The diagram shows an equipment that was carried out by the P.5 pupils.

55. a) Which piece of wax will melt first?

b) Give a reason to support your answer.

c) Which letter shows the piece of wax that will melt last?

e) By what process does heat from the candle travel through the iron rod?

END

Name _____ **AD. No** _____ **Stream** _____

1. Name one example of a root tuber.

2. Suggest the type of insemination in which sperms are deposited into the female cattle by the bull.

3. What name is given to animals with back bones?

4. Name the human body organ that uses light energy to its function.

5. State one way in which echoes can be controlled in cinema halls.

6. Give the role of a chameleon in the control of diarrhoeal diseases.

7. Why should water for drinking be boiled?

8. Why can't green plants make their own food at night?

9. Name the part of a flower that produces pollen grains.

10. How are gills important to a fish?

11. Which of these:- bird, lizard, insect, snake and rat does not lay eggs?

12. Give one way farmers can care for seedlings in the nursery bed.

1

13. **The diagram below shows an internal parasites. Use it to answer question.**

Name the worm shown above.

14. State one reason why people eat food.

15. Name the part of the skeleton responsible for the safety of the brain.

16. Which type of change occurs when salt dissolves in water?

17. Identity the liquid metal commonly used in thermometers.

18. Which sexually transmitted disease can cause blindness in babies?

19. Why does a piece of iron sink in water?

20. **The diagram below shows a flower part.**

Name the part which is marked with letter p.

21. Define the term "mulching"

22. Give one examples of crop pest.

23. State one poultry vice which reduces the number of eggs collected per day in a poultry house.

24. Identify immunisable disease whose vaccine is administered orally.

25. Give one reason why washing our school uniform is a good practice.

2

26. Which process in humans has a similar function as transpiration in plants?

28. Name one part of a seed that grows into the shoot system.

29. Mention one method of separating a mixture of iron pins from sand.

30. Give one example of a flying mammal.

31. Which disease is spread by a tsetsefly to human beings?

32. State one way in which school children can avoid HIV/AIDS amongst themselves.

33. **The diagram below shows the body formation of a type of cattle.**

Why do most farmers prefer this type of cattle to others?

34. State the component of air which puts out fire when one is using a fire extinguisher.

35. What is the main function of the equipment below in promoting health hygiene

36. Why is it not advisable to use a tooth pick or any sharp object to get out wax from our ears?

37. How is resting similar to germination?

38. Why is breast milk referred to as the best food for babies?

39. Define "Volume" as it is used in sound energy.

40. Which class of food protects the body against diseases?

3

SECTION B

41. a) What is pollination?

b) Mention any two agents of pollination?

i) _____ (ii) _____

c) Give one characteristic of insect pollinated flowers.

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

b) Give any two elements of P.H.C.

i) _____ (ii) _____

c) Which element of P.H.C is promoted when children are given measles vaccine at 9 months?

43. **The diagram below show drums.**

a) How do the drums able to produce sound?

b) If all drums are played at the same time, which drum will produce the:

i) Highest pitch of sound? _____

ii) Lowest pitch of sound? _____

c) Give a reason why the drum named above (ii) produced the lowest pitch of

sound.

44. **Use the diagram below to answer the following questions.**

a) Name the part of the leaf marked:-

i) P _____ (ii) R _____

b) What is the function of the structure marked T.

c) Give one function of leaves to farmer

45. a) Name one method of producing alcohol.

b) In which one way is alcohol important to people?

c) Give one reason why people drink alcohol.

d) Suggest one effect of alcohol to the family.

46. **Study the diagram below and use it to answer questions.**

(a) Identify the structure marked Y.

(b) Give one example of a bird with such a foot.

(c) Give the importance of the structure Y to the bird.

(d) Where do birds of such feet commonly live?

47. a) Write STDs in full.

b) Give any two examples of STDs.

i) _____ (ii) _____

c) State one way the spread of STDs can be controlled in married couples.

48. Name the body organ responsible for pumping blood to all body parts.

b) Give any two components of blood.

i) _____ (ii) _____

c) Name the component of blood responsible for transporting oxygen.

5

49. a) What is a fracture?

b) Give two types of fractures.

i) _____ (ii) _____

c) Identify the type of fracture below.

50. **Match the garden tool in list A to its function in list B.**

A

B

a) trowel

weeding

b) panga

transplanting seedling

c) watering can

digging stony areas

d) a hoe

watering crops.

cutting small trees

a) trowel _____

b) panga _____

c) watering can _____

d) a hoe _____

51. a) State any two agents of soil erosion.

i) _____ (ii) _____

b) Give one way soil erosion can be controlled in hilly areas.

c) Mention one cause of soil erosion.

52. a) What type change takes place when:-

i) An egg hatches into a chick _____

ii) Iron rusts _____

iii) Ice melts to liquid _____

b) State one condition necessary for rusting to take place.

6

53. a) In the human reproductive system. State where each of the following takes place.

i) Fertilization _____

ii) Implantation _____

b) State the gestation period of a human being.

c) Suggest one primary sex characteristic among girls.

54. a) What is immunity?

b) Give the two vaccines given to children at birth.

i) _____ (ii) _____

c) Which vaccine is administered to children using an injection at 6 weeks?

55. a) Define the term dehydration.

b) Give any two causes of dehydration.

i) _____ (ii) _____

c) State one sign of a dehydrated person.

END

Time: 2 Hours 15 minutes

Name _____ **AD.No.** _____ **Stream** _____

SECTION A

1. Name the part of the body used for smelling.

2. Which gas is used to preserve drinks like soda?

3. Name the main source of heat and light energy in our environment.

4. Draw a simple leaf in the space provided below.

5. On which main body part of an insect are the feelers attached?

6. Why do we wash our hands after visiting a toilet?

7. Name the immunisable disease in children whose vaccine is administered at 9 months.

8. What is poultry keeping?

9. Where does digestion of food begin in man?

10. Mention one example of a perennial crop.

11. What food value do we gain from eating cassava?

12. Which disease does a female anopheles mosquito spread?

13. Name the garden tool drawn below.

14. What is the work of the heart in the body?

15. Identify one item at home that uses electricity.

16. Which component of soil keeps it fertile?

17. Why do we boil water for drinking?

18. What is a flowering plant?

19. Identify the first set of teeth in human beings.

20. From which direction does the sun rise?

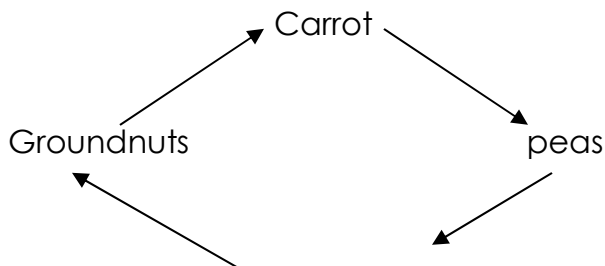
21. What name is given to the house of a rabbit?

22. How long is the incubation period of a hen?

23. Of what importance is chlorophyll in plants?

24. What is a fracture?

25. State one advantage of the farming method shown in the diagram below.



26. Name the organs of your body used for exchange of gases.

27. To which component of soil do earth worms belong?

28. What is immunity?

29. How long is the gestation period of a rabbit?

30. Name the habitat for the animal shown in the diagram below.

31. State one function of feathers to a bird.

32. Name the type of soil suitable for plant growth.

33. How many kidneys does a normal human being have?

34. Name the second stage in the life cycle of a housefly.

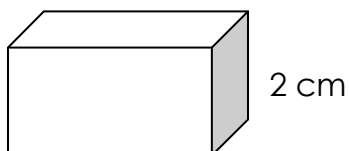
35. Give one reason why animals move from one place to another.

36. State one way a P.5 child can promote his/her personal hygiene.

37. Why do some plants climb others?

38. What is the best season for planting crops?

39. Find the volume of the cuboid below.



40. What is pollination?

SECTION B

41. a) Which clouds provide us with rain?

b) State any use of rain water to man.

c) Which instrument is used to:-

i) measure the amount of rainfall received in an area?

ii) shows direction of wind?

42. a) What is air?

b) List at least two components of air.

i) _____ (ii) _____

c) Which property of air is shown in the diagram below?

43. a) What is poultry keeping?

b) Mention two examples of domestic birds reared in Uganda.

i) _____ (ii) _____

c) State one disadvantage of free range system.

44. a) Name any two diseases of rabbits.

(i) _____ (ii) _____

b) Write down at least two exotic breeds of rabbits.

(i) _____ (ii) _____

45. a) What is a balanced diet?

b) Write down any two classes of food that make up a balanced diet.

i) _____ (ii) _____

c) Identify one deficiency disease.

46. a) Identify any item found in a first aid box.

b) Name the type of fracture drawn below.

c) Suggest at least two reasons why it is important to give first aid to casualties.

(i) _____

(ii) _____

47. Match the vectors in column A with the diseases they spread in column B.

A

B

(i) Housefly

sleeping sickness

(ii) Tsetsefly

trachoma

(iii) Culex mosquito

yellow fever

(iv) Anedes mosquito

elephantiasis

(i) Housefly _____

(ii) Tsetsefly _____

(iii) Culex mosquito _____

(iv) Anedes mosquito _____

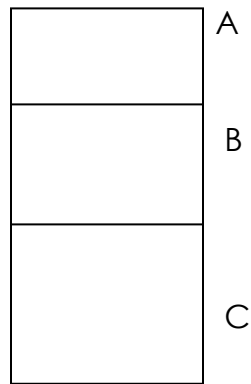
48. a) What is germination?

b) Write down three conditions necessary for seed germination.

i) _____ (ii) _____ (iii) _____

5

49. The diagram below shows the vertical arrangement of soil layers. Use it to answer questions that follow.



a) Name the soil layer marked:

i) A _____ (ii) B _____

iii) C _____

b) Give the scientific term that describes the vertical arrangement of soil layers

50. a) Give one example of a flowering plant.

b) Why are bright petals important on a flower?

c) Give any two uses of flowers to man.

i) _____

ii) _____

51. a) Give any two methods of preserving food.

i) _____ (ii) _____

b) State at least two reasons why we eat food.

i) _____

ii) _____

52. a) What is soil erosion?

b) Write down any two agents of soil erosion.

i) _____ (ii) _____

c) Mention one way of controlling soil erosion.

53. a) Name the weapon for each of the following animals for protection.

i) cow _____

ii) dog _____

b) Give two examples of wild animals.

i) _____ (ii) _____

54. a) What is mulching?

b) Give one material used in mulching.

c) Why do farmers mulch their gardens (Give two reasons?)

i) _____

ii) _____

55. **The diagram below shows part of the alimentary canal. Use it to answer questions that follow.**

a) Name the parts labelled:

i) M _____ (ii) N _____

iii) Q _____

b) What is the importance of hydrochloric acid in the stomach?

End

Time: 2 Hours 15 Minutes

Name: _____ **AD.No** _____ **Index No** _____

SECTION A (1 – 40) 1 MARK EACH

1. Name one domestic animal used for transport.

2. Give the function of the radicle to a germinating seed.

3. Name one traditional method of food preservation that does not use fire.

4. What state of matter is porridge?

5. Why is clean water and soap used for cleaning hands after visiting a latrine or a toilet?

6. How is the reproduction in man similar to that in a rat?

7. Name one cold – blooded vertebrate that has a body shell.

8. Suggest anyone way in which human beings use energy from the sun.

9. Give one activity at home that can control the spread of malaria.

10. Apart from proteins, name one class of food which should be given to the vulnerable people in the community.

11. Give one insect pest of maize.

12. Why do people who harvest honey wear bee veils?

1

13. What type of farming should a farmer use to get both crops and animal products?

14. The diagram below is of a corn, use it to answer the questions that follow.

Name the type of roots marked K.

15. How useful is part marked S?

16. Give a reason why distilled water is not recommended for drinking?

-
17. Name the device used to guard against damage to appliances by too much electric current.
-
18. State one way in which a farmer can control crop diseases without using chemicals
-
19. Give one practice that can help to control the spread of cholera in a school.
-
20. Which structure in the white blood cells help it to fight diseases causing germs in the body?
-
21. Why should a child suffering fro Kwashiorkor be given food rich in proteins?
-
22. What is diffusion?
-
-
23. Which type of soil allows water to go through it easily?
-
24. Give any one reason why human beings breathe in.
-
25. Apart from a zebra – crossing, give one spot where a school child can easily cross a busy road.
-
- 2
26. To which group of machines is a road winding uphill?
-
27. Besides rolling food, give anyone function of the tongue in the process of digestion
-
28. State one similarity in structure of a snake and a tortoise.
-
29. Mention anyone way in which communicable diseases are spread.
-
30. How is a web useful to a spider?
-

Study the diagram below and use it to answer questions 31.

31. Name the part labelled M.

32. Name the type of bacteria shown below.

34. Study the foot of a bird below. Give the importance of the part marked A to the bird

35. Mention one natural cause of a family failing to have enough food.

36. By what process does heat reach a person who is sitting one metre away from a burning charcoal stove?

3

Study the instrument below carefully as used by dairy farmers.

37. State the use of the instrument.

38. Why do birds swallow small stones (grit)

39. Write down one by – product of respiration.

40. In the space below, draw a diagram of a germinating monocotyledonous seed.

SECTION B 41 – 55 (4 MARKS EACH)

41. (a) Name the female reproductive cells in mammals.

(b) What will be the result if the above mentioned cell unites with a sperm cell?

(c) Which method of family planning can help one to control the spread of STD's?

(d) Write down one disorder of the human reproductive system.

42. Explain the following terms as related to accidents.

(a) Fracture _____

(b) A cut: _____

(c) Clutch: _____

(d) Dislocation: _____

43. **The diagram below shows behavior of objects placed in front of plane mirrors. Use it to answer questions that follow.**

(a) Define a plane mirror.

(b) Write down two characteristics of the image formed in a plane mirror.

(i) _____

(ii) _____

(c) Give any one difference between images formed in a pin hole camera and a plane mirror.

44. State the type of change which occurs in each below.

(a) Cloud formation: _____

(b) Digestion of food in man: _____

(c) Germination: _____

(d) Rusting in metallic objects: _____

45. (a) What is Brooding as used in poultry?

(b) Name the special structure where young chicks are kept.

(c) State two advantages of using the structure mentioned in (b) above.

(i) _____

(ii) _____

5

46. (a) Identify any one external parasites in goats.

(b) What is the gestation period of a goat?

(c) State any one method of grazing goats.

47. **The table below shows different groups of animals. Use it to answer the questions that follow.**

A	B	C	D
A FROG	SNAIL	A RAT	SNAKE

(a) In which way are animals A, C and D similar?

(b) How is the reproduction of the animal in D different from those in C?

(c) To which class of animals does animal B belong?

(d) How does animal A protect itself against its enemies?

48. **Use the diagram to answer questions.**

(a) Name the part labelled with letter B.

(b) Why is bulb filament coiled?

(c) What energy change takes place in a bulb when the switch is working?

(d) Draw a symbol for a fuse in electricity.

6

49. **The diagram below represent sound waves M and N, use them to answer questions which follows.**

(a) Compare the sounds produced by two waves M and N.

(b) Give any one way in sound and light are similar.

(c) State the unit of frequency.

50. The diagram below is of the Human respiratory system. Study it and use it to answer questions that follow.

(a) Name the parts labeled:-

(i) A _____ (ii) G _____

(b) What process takes place in the part labeled F?

(c) Identify one disease of the respiratory system.

51. (a) Give the difference between volume and temperature.

(b) Convert 300C to the Fahrenheit scale.

7

(c) State one reason why mercury is used in thermometers.

52. (a) Which element of P.H.C is promoted by:-

(i) Proper feeding of children

(ii) Slashing grass in our compound

(iii) Ironing clothes after washing them.

(b) Name any one cause of sickness in the home and community.

53. (a) Give one example of a bird that pollinates flowers.

(b) Where does pollination take place in a flower?

(c) Besides "stamen", what other term is used to identify the male part of a flower?

(d) In which way can good scent of flower be useful to the plants?

54. Man is one of the agents of environmental degradation.

(a) What is environmental degradation?

(b) Identify any two human activities that have led to environmental degradation.

(i) _____

(ii) _____

(c) How has NEMA tackled environmental degradation in Uganda?

(i) _____

(ii) _____

55. Describe an experiment to show that dry soil contains Air.

Time: 2 Hours 15 minutes.

Name _____ **AD.No.** _____ **Stream** _____

1. Give any one use of feathers to a bird.

2. Which class of food is obtained from honey?

3. State any one use of soil to man.

4. Give the reason why we brush our teeth even after eating a good meal.

5. Name the type of birds kept for egg production.

6. Suggest one way we can care for our beedings.

7. Write any one way of preventing malaria.

8. What name is given to the part of a flower drawn below?

9. State the use of a canine teeth during digestion.

10. Give one example of a plant that stores its food in the roots.

11. How useful is a beak to a bird?

12. What do we call water in solid form?

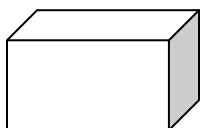
13. Give a reason why air is regarded as matter.

1

14. State the instrument used to view microscopic organisms.

15. Mention any one flowering plant in our environment.

16. Calculate the volume of the cube below.



5 cm

17. Name the breathing organs of a fish.

18. What do we call the change of state from solids to liquids?

19. Write any one use of heat energy in a home.

20. Mention any equipment a bee keeper needs when harvesting honey.

21. State one activity a P.5 pupil can do to promote sanitation in the class room.

22. Identify any exotic breed of rabbits.

23. How do bacteria reproduce?

24. Why is a maize grain called a fruit?

25. Briefly explain the term "pollination."

26. In which part of the digestive system of bird is food moistened and softened?

27. In the space below, draw an illustration to show that air has weight.

2

28. Give a reason why a mushroom can't make its own food.

29. How useful are the spiracles to an insect?

30. Mention one living thing which protects itself by stinging.

31. How are nimbus clouds useful to a farmer?

32. Write down any one example of a dicotyledonous seed.

33. Mention one local method of preserving food.

34. Give one natural process that takes place in leaves.

35. Why should we boil water for drinking?

36. In which part of the digestive system does salivary amylase act on cooked starch

37. Why is a goat called a living thing?

38. Name the kind of traditional bee hive drawn below.

39. What is weeding?

40. State one common cause of road accidents in Uganda.

3

SECTION B

41. Match the weather instruments in a column A with the information given in column B.

A

- i) Anemometer
- ii) Wind sock
- iii) Rain gauge
- iv) Wind vane

B

- strength of wind
- speed of wind
- wind direction
- Amount of rainfall

- i) Anemometer _____
- ii) Wind sock _____

iii) Rain gauge _____

iv) Wind vane _____

42. a) What is germination?

b) List the three conditions necessary for seed germination.

i) _____ (ii) _____ (iii) _____

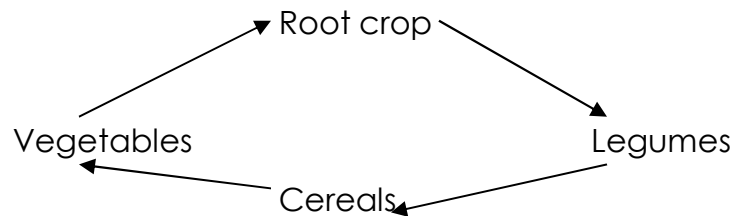
43. a) Name any one major class of food in a balanced diet.

b) Apart from Kwashiorkor, mention two other deficiency diseases.

i) _____ (ii) _____

c) Name one food stuff from which people get vitamin C.

44. **Study the diagram showing a certain farming practice and answer the questions that follow.**



a) Name the practice shown.

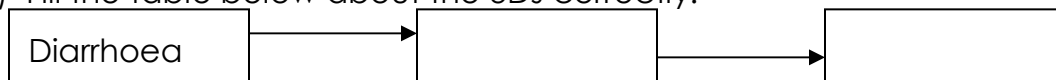
b) State two advantages of the practice shown to a crop farmer.

i) _____

ii) _____

4

45. a) Fill the table below about the 3Ds correctly.



b) Which vector plays a role in the above order?

c) Why is it important to wash hands after picking rubbish?

46. a) How is swarming different from a swarm?

b) Write down any two duties of worker bees in a hive.

- i) _____
- ii) _____
- c) What is the main role of a queen bee in a colony of bees?

47. a) What is a fracture?

b) Give at least two reasons why a casualty should be given first aid.

- i) _____
- ii) _____

c) Identify one item found in a first aid box.

48. **The diagram below shows the vertical arrangement of soil layers.**



a) What scientific name is given to arrangement of soil layers above?

b) Name the layers of soil marked with letters S and T.

- i) S _____ (ii) T _____

c) Which letter represents the soil layer that supports crop cultivation?

49. a) What is immunity?

b) Write down two types of immunity.

- i) _____ (ii) _____

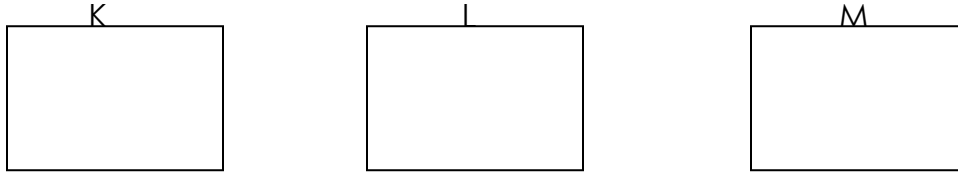
c) At what age is measles vaccine given to a child?

50. Name the body organ which is used for:-

- a) Pumping blood to all body parts.

-
- b) Exchange of gases in the body. _____
 - c) Producing bile. _____
 - d) Remembering. _____

51. Use **the illustrations below to answer the questions that follow.**



a) Name the states of matter labeled:

i) K _____ (ii) L _____ (iii) M _____

b) Suggest any one substance with molecular arrangement L.

52. a) Mention any two properties of air.

i) _____ (ii) _____

b) Which components of air supports:-

i) burning _____ (ii) Photosynthesis _____

53. a) Write ORS in full.

b) Mention two solutes used for making ORS locally.

i) _____ (ii) _____

c) Why should a dehydrated person be given ORS?

6

54. Man needs basic needs such as food, shelter, clothes and medical care.

a) Which of the basic needs above protects man from harsh weather?

b) Identify the basic need from the list above that protects children from deficiency diseases.

c) Suggest two reasons why animals move from one place to another.

i) _____

ii) _____

55. Below is a method of finding volume of irregular object. Study the diagram drawn and answer questions that follow.

a) What is the volume of the irregular object?

b) Name the container labeled Q.

c) Which method of finding volume of irregular objects is shown in the diagram above?

d) Give one example of an irregular object.

END

SECTION A

1. Name the thermometer used to measure the human body temperature.

2. Write down any type of bees found in a hive.

3. Why is a DPT vaccine called a triple vaccine?

4. Explain why some objects sink in water.

5. How are roots important to a cassava plant?

6. Apart from biological changes, name any one other type of change.

7. What part of a seed grows into the shoot system?

8. Write one activity carried out to protect children below five years from the childhood killer diseases.

9. How is a crop pest different from a vector?

10. Why should a good house have windows?

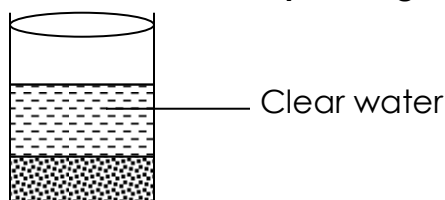
The diagram shows a blood cell.

11. Identify the importance of the blood cell drawn above.

12. Write one functional difference between veins and arteries.

13. What type of poultry are reared for egg production?

The diagram shows a method of separating mixtures.



_____ Settled dirt

14. Identify the method illustrated above.

15. Suggest one activity that can be done using clean water obtained above.

16. Name the part of an egg that develops into a chick.

17. Identify the part of a cabbage plant that stores its food.

18. How do bacteria reproduce?

19. Name the force which brings objects thrown in air back to the ground.

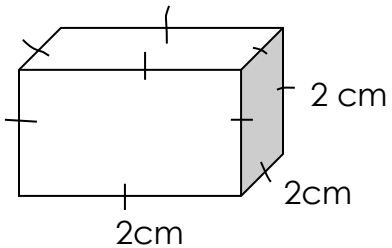
20. What weather instrument is used to measure the amount of rainfall received in an area?

21. How do mothers protect their children who are three years from deficiency diseases?

22. Suggest the raw material for wax candles.

23. What important process takes place in the alveoli?

24. Find the volume of the figure below.



25. Suggest the type of weather used to sundry maize grains.

26. How is first aid different from a first aider?

27. Write any domestic animal that provides farm yard manure to framers.

28. Where does final digestion of food take place in the human alimentary canal?

29. Write down any tool used to measure length.

30. In which season are farmers seen busy preparing land for the next planting?

31. Which part of the skeleton protects the brain?

32. Identify the structures in the human nose that filter air we breathe in?

33. Write one example of a heat insulator.

34. Name the part of the body you can use to know that some one is wearing a torn shirt.

35. Suggest any one plant process that takes place in plant leaves.

36. Why is a lion not called a domestic animal?

37. State one way friction is important to P.5 pupils.

38. What type of bees are commonly seen around flowers?

39. In the space below draw an overflow can.

40. What is the gestation period of a female sheep?

SECTION A

41. a) What is matter?

b) Write down any two states of matter.

i) _____ (ii) _____

c) In which state of matter are the molecules closely packed together?

42. a) Give two reasons why farmers carry out crop rotation.

i) _____

ii) _____

b) Identify a group of crops that must not miss when carrying out crop rotation.

c) Give one other farming practice which is useful to soil besides crop rotation.

43. a) Which fungus is used in baking bread?

b) Write two dangers of fungi to people.

i) _____ (ii) _____

c) Mention one way people can control the danger of fungi on our skins.

44. a) Suggest any reason why farmers keep goats?

b) Write down any two methods used in goat rearing.

i) _____ (ii) _____

c) Point out any advantage of tethering method of rearing goats.

The diagram illustrates a root system of certain plants.

45. a) Name the structures marked K.

b) Give the importance of structure marked K.

c) Which component of air is fixed in soil by the organism found in K?

d) Identify one example of plant with such type of root system.

46. Complete the immunization table below.

DISEASE	VACCINE	AGE	BODY SITE
-----	measles vaccine	9 months	left upper arm

Tuberculosis	-----	At birth	Right upper arm
Polio	Polio vaccine	At birth	-----
Tetanus	-----	2 ½ , 4 ½ , 6 ½ months	left upper arm

47. a) Identify the form of energy that enables us to hear.

b) Suggest two main types of energy.

i) _____ (ii) _____

c) What type of energy is possessed by a stone resting on the ground?

48. a) What type of food is digested in the mouth?

b) Which structure in the mouth break down food into small pieces?

c) Identify the glands in the mouth that produce saliva.

d) Name the part of the alimentary canal that connects the mouth to the stomach.

The diagram shows a method used to find volume of irregular objects.

49. a) What type of object is marked P?

b) What is the volume of object marked P

c) Suggest the method used in the above experiment.

d) If the mass of the object is 60gm, find the density of the object.

50. a) What term is given to the growing of a seed into a seedling?

b) Suggest any two conditions that can enable seed germination.

i) _____ (ii) _____

c) Identify one crop that has seeds that are first looked after in a nursery bed.

The diagram shows part of the human lungs.

51. a) Identify the structure drawn.

b) Name the gas marked m.

c) Identify one disease that attacks the respiratory system.

d) Suggest the body system to which the lungs belong.

52. a) Match the following terms accordingly to those in B.

- | | |
|----------|---------------|
| i) Nanny | Female rabbit |
| ii) Sow | Female sheep |
| iii) Ewe | Female goat |
| iv) Doe | Female pig |

i) Nanny _____

ii) Sow _____

iii) Ewe _____

iv) Doe _____

53. a) Give a reason why plants with weak stems climb others.

b) Name any two types of stems.

i) _____ (ii) _____

c) Name one plant which is grown from its stem.

54. a) Identify each of the drawn garden tools.

i) A _____ (ii) B _____

b) Identify the garden tool that can be used to carry heavy feeds for pigs.

c) Which garden tool is used is used to cut down big trees on a farm?

The diagram shows an equipment that was carried out by the P.5 pupils.

55. a) Which piece of wax will melt first?

b) Give a reason to support your answer.

c) Which letter shows the piece of wax that will melt last?

e) By what process does heat from the candle travel through the iron rod?

END

Time: 2 Hours 15 minutes

Name _____ **AD. No** _____ **Stream** _____

1. Name one example of a root tuber.

2. Suggest the type of insemination in which sperms are deposited into the female cattle by the bull.

3. What name is given to animals with back bones?

4. Name the human body organ that uses light energy to its function.

5. State one way in which echoes can be controlled in cinema halls.

6. Give the role of a chameleon in the control of diarrhoeal diseases.

7. Why should water for drinking be boiled?

8. Why can't green plants make their own food at night?

9. Name the part of a flower that produces pollen grains.

10. How are gills important to a fish?

11. Which of these:- bird, lizard, insect, snake and rat does not lay eggs?

12. Give one way farmers can care for seedlings in the nursery bed.

13. **The diagram below shows an internal parasites. Use it to answer question.**

Name the worm shown above.

14. State one reason why people eat food.

15. Name the part of the skeleton responsible for the safety of the brain.

16. Which type of change occurs when salt dissolves in water?

17. Identify the liquid metal commonly used in thermometers.

18. Which sexually transmitted disease can cause blindness in babies?

19. Why does a piece of iron sink in water?

20. **The diagram below shows a flower part.**

Name the part which is marked with letter p.

21. Define the term "mulching"

22. Give one examples of crop pest.

23. State one poultry vice which reduces the number of eggs collected per day in a poultry house.

24. Identify immunisable disease whose vaccine is administered orally.

25. Give one reason why washing our school uniform is a good practice.

26. Which process in humans has a similar function as transpiration in plants?

28. Name one part of a seed that grows into the shoot system.

29. Mention one method of separating a mixture of iron pins from sand.

30. Give one example of a flying mammal.

31. Which disease is spread by a tsetsefly to human beings?

32. State one way in which school children can avoid HIV/AIDS amongst themselves.

33. **The diagram below shows the body formation of a type of cattle.**

Why do most farmers prefer this type of cattle to others?

34. State the component of air which puts out fire when one is using a fire extinguisher.

35. What is the main function of the equipment below in promoting health hygiene

36. Why is it not advisable to use a tooth pick or any sharp object to get out wax from our ears?

37. How is resting similar to germination?

38. Why is breast milk referred to as the best food for babies?

39. Define "Volume" as it is used in sound energy.

40. Which class of food protects the body against diseases?

SECTION B

41. a) What is pollination?

b) Mention any two agents of pollination?

i) _____ (ii) _____

c) Give one characteristic of insect pollinated flowers.

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

b) Give any two elements of P.H.C.

i) _____ (ii) _____

c) Which element of P.H.C is promoted when children are given measles vaccine at 9 months?

43. **The diagram below show drums.**

a) How do the drums able to produce sound?

b) If all drums are played at the same time, which drum will produce the:

i) Highest pitch of sound? _____

ii) Lowest pitch of sound? _____

c) Give a reason why the drum named above (ii) produced the lowest pitch of sound.

44. **Use the diagram below to answer the following questions.**

a) Name the part of the leaf marked:-

i) P _____ (ii) R _____

b) What is the function of the structure marked T.

c) Give one function of leaves to farmer

45. a) Name one method of producing alcohol.

b) In which one way is alcohol important to people?

c) Give one reason why people drink alcohol.

d) Suggest one effect of alcohol to the family.

46. **Study the diagram below and use it to answer questions.**

(a) Identify the structure marked Y.

(b) Give one example of a bird with such a foot.

(c) Give the importance of the structure Y to the bird.

(d) Where do birds of such feet commonly live?

47. a) Write STDs in full.

b) Give any two examples of STDs.

i) _____ (ii) _____

c) State one way the spread of STDs can be controlled in married couples.

48. Name the body organ responsible for pumping blood to all body parts.

b) Give any two components of blood.

i) _____ (ii) _____

c) Name the component of blood responsible for transporting oxygen.

5

49. a) What is a fracture?

b) Give two types of fractures.

i) _____ (ii) _____

c) Identify the type of fracture below.

50. **Match the garden tool in list A to its function in list B.**

A

B

a) trowel

weeding

b) panga

transplanting seedling

c) watering can

digging stony areas

d) a hoe

watering crops.

cutting small trees

a) trowel _____

b) panga _____

c) watering can _____

d) a hoe _____

51. a) State any two agents of soil erosion.

i) _____ (ii) _____

b) Give one way soil erosion can be controlled in hilly areas.

c) Mention one cause of soil erosion.

52. a) What type change takes place when:-

i) An egg hatches into a chick _____

ii) Iron rusts _____

iii) Ice melts to liquid _____

b) State one condition necessary for rusting to take place.

6

53. a) In the human reproductive system. State where each of the following takes place.

i) Fertilization _____

ii) Implantation _____

b) State the gestation period of a human being.

c) Suggest one primary sex characteristic among girls.

54. a) What is immunity?

b) Give the two vaccines given to children at birth.

i) _____ (ii) _____

c) Which vaccine is administered to children using an injection at 6 weeks?

55. a) Define the term dehydration.

b) Give any two causes of dehydration.

i) _____ (ii) _____

c) State one sign of a dehydrated person.

END

SECTION A

1. Identify one element of weather.

2. State one way we can protect ourselves from malaria.

3. Which type of soil has rough and large particles?

4. Mention one requirement in a clean home.

5. Which process in plants has a similar function as sweating in human beings?

6. Name any one disease of rabbits that affects birds.

7. Which property of air is shown in the diagram below?

8. State one function of feathers to a bird.

9. Which part of your body is used for feeling?

10. Why do bees visit flowers?

11. Give a reason why plants with weak stems climb others.

12. Name the type of tooth shown in the diagram below.

13. Write CDD in full as it is used in sanitation.

14. Why should leftover food be covered?

15. Name the type of domestic birds that are reared for eggs production.

16. Which type of clouds provides us with rain?

17. Where in the digestion system of a man does digestion begin?

18. At what time of the day do shadows appears shortest?

19. Which term is used to mean the general cleanliness of the environment?

20. Of what importance are road sign to road users?

21. On which part of an insect are spiracles found?

22. What is the main source of water?

23. Identify one item at home that uses electricity.

The diagram below shows a thermometer. Use it to answer questions 24 and 25.

24. Name the type of thermometer drawn.

25. What is the function of the thermometer above?

26. Identify one product got from poultry.

27. Why should fruits be washed before eating them?

28. Which mineral salt keeps our bones and teeth strong?

29. What causes kwashiorkor in young children?

30. Why is a maize grain regarded as a fruit?

31. Which organism spreads trachoma to man?

32. What is poultry keeping?

33. Name the season when there is enough water in the soil that supports plant growth.

34. Name the main natural source of light.

35. Which method is used to introduce vaccines into the body through the mouth?

36. What is weather?

37. Which of the leaves below grows on a dicotyledonous plant?

38. What condition in babies is shown by a sunken soft spot on the head?

39. By what process do plants lose water in form of water vapour to the atmosphere?

40. Name the condition of seed germination that softens the testa of a seed.

SECTION B

41. a) Write down at least two components of air.

i) _____ (ii) _____

b) Which component of air do green plants need to make starch?

c) Suggest the component of air given off by plants during photosynthesis.

42. a) What is a balanced diet?

b) Mention the best food for a newly born baby.

c) Study the table below and fill in the missing information.

FOOD	FOOD VALUE
beans, fish	-----
carrots, onions	-----

43. a) Give two examples of root crops.

i) _____ (ii) _____

b) Suggest at least two ways crops farmers can care for their crops.

i) _____ (ii) _____

44. Below is a diagram of a section of the soil. Use it to answer the questions that follow.

a) What name is given to the section of soil in the diagram?

b) Name the layers of soil marked with the letters.

i) S _____ (ii) T _____

iii) U _____

45. a) Write down two ways a P.5 pupil can keep his / her body clean.

i) _____ (ii) _____

b) Give one importance of each of the following body organs.

i) The tongue _____

ii) The brain _____

46. a) What is soil erosion?

b) Give any two agents of soil erosion.

i) _____ (ii) _____

c) Name the method of controlling soil erosion shown below.

47. Man needs basic needs such as food, shelter, clothes and medical care.

a) Which of the above mentioned basic needs protects man from harsh weather?

b) Which basic need protects man from deficiency diseases?

c) Suggest two reasons why animals move from one place to another.

i) _____

ii) _____

48. a) What is mulching?

b) Give any one material used in mulching.

c) Why do crops farmers mulch their gardens? (Give two reasons)

i) _____

ii) _____

49. **The diagram below shows part of the digestive system. Study it carefully and answer the questions that follow.**

a) Name the parts marked:-

i) P _____ (ii) Q _____ (iii) R _____

b) Using letter S, mark the part that stores bile.

50. **Match items in A with those in B correctly.**

List A

List B

Trachoma

Difficulty in passing out faeces

Tiger mosquito

Condition when the body does not have enough fluids

Dehydration

Spread by a housefly.

Constipation

Spread yellow fever

i) Trachoma _____

ii) Tiger mosquito _____

iii) Dehydration _____

iv) Constipation _____

51. a) Give one example of an insect pollinator

b) Write down two types of pollination.

i) _____ (ii) _____

c) Suggest one use of flowers to man.

52. a) Mention one breed of rabbits.

b) Suggest at least two reasons why people keep rabbits.

i) _____

ii) _____

c) What name is given to a female rabbit?

53. Name the animal that lives in:

a) A nest _____

b) A sty _____

c) A cobweb _____

d) A kennel _____

54. a) Write down two examples of people who need special care in our communities.

i) _____ (ii) _____

b) State any role of:

i) A family head _____

ii) A child in a home _____

55. **The diagram below shows an equipment used by first aiders.**

a) Name the equipment drawn above.

b) How is the above container useful to first aiders?

c) Give any two items kept in the above container.

i) _____ (ii) _____

Time: 2 Hours 15 minutes

Name _____ **AD.No.** _____ **Stream** _____

SECTION A

1. What type of clouds provide us with rain?

2. Identify one activity you can do to promote personal hygiene.

3. Apart from cattle, name one other animal that is reared for meat production.

4. What is the importance of chlorophyll during photosynthesis?

5. Name the garden tool drawn below.

6. Which type of mosquito transmits elephantiasis?

7. What do insects use as their breathing organs?

8. Identify the immunisable disease that leads to lameness of the limbs like legs in young children.

9. Mention one example of an exotic breed of poultry kept in Uganda.

10. What name is given to the food made by green plants during photosynthesis?

11. State the normal human body temperature in degrees Celsius.

12. On which body part is measles vaccine administered?

13. Besides water and oxygen, give another condition for seed germination.

14. What do we call the first set of teeth in young children?

15. Why do most farmers in rural areas practice free range system of poultry keeping?

16. The diagram below is of a sealed soda bottle. Use it to answer the question that follow.

Name the gas that bubbles out of the space marked W when the bottle is opened.

17. What are social insects?

18. Mention any one item needed for bathing apart from soap.

19. What is the first stage in the village food path?

20. Give any one use of feathers to a bird.

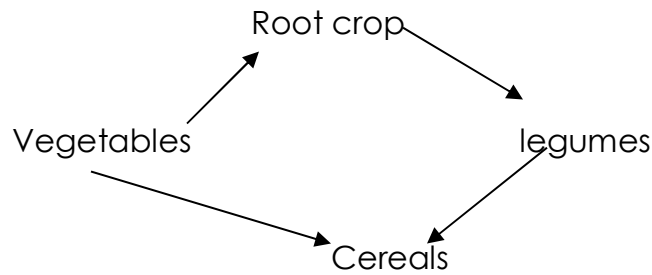
21. State the main role of a queen bee in a colony.

22. Give the reason why we brush our teeth even after eating a good meal.

23. State any one use of soil to man.

24. Name the type of birds kept for egg production.

25. Study the diagram showing a certain farming practice and answer the question that follows.



Name the farming practice shown in the diagram above.

26. What name is given to the tiny living organisms that cause diseases in our environment?

27. Which part of a flower is responsible for receiving pollen grains?

28. Give one example of an insect which undergoes three stages of development.

29. State one way in which animals benefit from plants.

30. Identify the main source of light and heat on earth.

31. How are the ears useful to a primary five pupil?

32. Why do people keep rabbits?

33. How dangerous are the broken pieces of glass in the school play ground?

34. Why do people plant short grass in their compounds?

35. Why is a stone grouped under non – living things?

36. Give the meaning of the term "Pollination."

37. The diagram below shows part of a plant.

Give the importance of part K to the plant.

38. Give any one cause of soil erosion.

39. What kind of injury does John sustain when he accidentally puts his hand in hot water?

40. What is the function of a kink in a clinical thermometer?

SECTION B

41. a) What does the term food path mean?

b) Name the blocks of food path which crop farmers control by:

i) Supplying plants with water (watering their crops)

ii) Spraying crops with pesticides

c) Mention one way in which farmers can control crop pests in the garden without using chemicals.

42. Match the organs in column A with their functions in column B.

Column A

Lungs

Kidneys

Tongue

Skin

Column B

feeling

tasting

filter blood

breathing

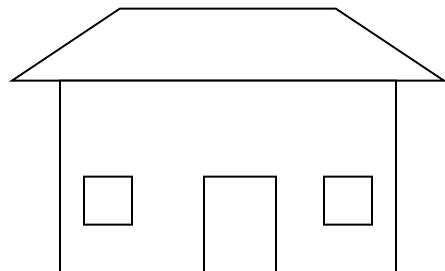
- a) Lungs _____
- b) Kidneys _____
- c) Tongue _____
- d) Skin _____

43. a) What is sanitation?

b) Mention two ways a P.5 pupil can promote sanitation at school.

- i) _____
- ii) _____

c) In the diagram below, put the missing part that would improve the movement of air in the house.



44. a) Give the function of each of the following garden tools.

- i) Trowel _____
- ii) Rake _____

b) How do farmers care for their crops in the garden? (Give two ways)

- i) _____ (ii) _____

45. Use the list of the food stuffs below and answer the questions that follow.

BEANS

RICE

CABBAGE

MILK

ORANGES

a) From which food stuff in the list above do we gain energy as a food value?

b) Give two food stuffs that are a source of proteins.

i) _____ (ii) _____

c) What would you regard the list of the food stuffs above as a balance diet?

46. a) Write ORS in full.

b) Mention any two materials used to make ORS locally.

i) _____ (ii) _____

c) Why is ORS given to a person with severe diarrhoea?

47. a) What is Immunity?

b) Give two types of immunity.

i) _____ (ii) _____

c) What type of immunity does a child acquire after birth?

48. a) In which container are the First aid items kept?

b) Suggest three reasons why accident victims should be given first aid.

i) _____ (ii) _____

ii) _____

49. **The diagram below shows the life cycle of a housefly. Use it to answer the questions that follow.**

a) Name the stages marked C and D.

i) C _____ (ii) D _____

b) State the danger of a housefly at stage D.

c) Other than a housefly, identify one insect that undergoes the above life – cycle.

50. a) What is mulching?

b) State two advantages of mulching to a crop farmer.

i) _____

ii) _____

c) Identify any one material crop farmers use to mulch their gardens.

51. a) Write down the three types of soil.

i) _____ (ii) _____

iii) _____

b) Which type of soil has the highest water holding capacity?

52. a) What is pollination?

b) Name the type of pollination shown in the diagram below.

c) Identify one agent of pollination.

53. a) What is weather?

b) Mention the best type of weather for winnowing crops.

c) Write down two types of weather where people use umbrellas.

i) _____ (ii) _____

54. a) Give one example of an irregular object whose volume is determined using displacement method.

b) Find the density of an object whose mass is 80g and volume 10cc. **(2 mks)**

c) Give one example of an object that floats on water.

55. **Below is a head of a domestic bird.**

a) Name the parts marked with letters S and R.

i) S _____ (ii) R _____

b) Give one use of part T to a bird.

c) State one way of controlling food vices in poultry management.

END

SECTION A

1. State one human activity that leads to soil erosion.

2. In which state of matter does heat travel fastest?

3. Which mineral helps in the formation of strong bones and teeth?

4. Name any one disease of rabbits that affects poultry birds.

5. What name is given to a meal containing all the food values in their right amounts?

6. Why does paraffin settle on top when mixed with water?

7. Name the process by which vapour turns into liquid.

8. In the space below draw and name a garden tool used for digging.

9. Name the type of change where seed develops into a seedling.

10. Name any one dairy breed of goats reared for milk production.

11. What part of a seed develops into a seedling?

The diagram below is of a bottle of soda. Study it and answer questions 12 and 13.

12. What gas is found in space X?

13. Apart from keeping the gas you have mentioned in 12 above, give one other advantage of the space.

14. Where on the body of insects are the legs attached?

15. Which product do we get from birds which feed on broilers mash?

16. Which bee is referred to as a female sterile bee in the hive?

17. State one difference between plants and animals.

18. Which component of air in the atmosphere is used for respiration?

19. In a sentence, explain the term soil erosion.

Use the diagram below to answer question 20.

20. Name the part labelled P.

21. In which way can mulching be dangerous to crops?

22. What name is given to the small living organisms that cause diseases to animals?

23. Write down one product people get from milk.

24. How does boiling of water make it safe for drinking?

25. Why do animals move from one place to another?

26. Name one source of litter used in poultry house.

27. Name the structure used by fish for breathing.

28. How can farmers improve on their local breeds of cattle?

29. What are invertebrates?

30. What is heat period in cows?

31. State any one difference between a spider and a grasshopper.

32. Which class of food is digested by ptyalin? (salivary amylase)

33. What scientific term is used to refer to the quantity of matter contained in a body?

34. How do bats locate their food?

35. Change 30°C to a Fahrenheit scale.

36. Where does fertilization occur in animals?

37. Which form of energy gives us a sensation to hear?

38. How important is the soft pads on the feet of carnivorous mammals?

40. In the space below, draw a diagram to show that air can be compressed.

SECTION B

41. a) Why is carbondioxide used to put out fire?

b) Give any one use of oxygen in the environment.

c) How is burning similar to rusting?

d) Which component of air helps to improve soil fertility?

42. a) Briefly explain what is meant by the term accident.

b) Give two reasons why people give first aid to casualties.

i) _____

ii) _____

c) Identify one item found in a first aid box.

43. The table below shows a group of animals in A with their respiratory organs in B

A	B
Tilapia	Moist skin
Grasshopper	Lungs
Frog	Gills
Dog	Spiracles

Write against each animal below its respiratory organ from B.

i) Tilapia _____

ii) Grasshopper _____

iii) Frog _____

iv) Dog _____

44. a) What are deficiency diseases?

b) Give two examples of deficiency diseases.

i) _____ (ii) _____

c) Mention one way of preventing deficiency diseases.

45. a) How are cold blooded animals different from warm blooded animals?

b) Mention an example of each of the following animals.

i) cold blooded group of vertebrates _____

ii) warm blood groups of vertebrates _____

c) Mention any one example of an aquatic mammal.

46. a) Identify the parts of the human alimentary canal where:

i) Digestion of food starts _____

ii) The digestive system ends _____

b) Name the digestive juice produce in the stomach.

c) What part of the alimentary canal connects the mouth to the stomach?

47. a) Give any two ways in which mulching is a good practice in soil conservation.

i) _____

ii) _____

b) State any two ways of controlling soil erosion in hilly areas.

i) _____ (ii) _____

48. **The diagram below is of a thermometer. Use it to answer questions about it.**

a) Name the thermometer above.

d) Identify the part marked X.

c) State the importance of the part X in that thermometer.

d) Write the use of the thermometer shown in the diagram above.

49. **The diagram below shows the body formation of a type of cattle.**

a) Which type of cattle is shown in the diagram above?

b) Give two characteristics of the cattle with such a body formation.

i) _____

ii) _____

c) Mention any one product that can be obtained from the cattle named in a above.

50. a) Outline one example of poultry vice.

b) How can birds be destructive to farmers?

c) Which part of a chicken has a similar function like the saliva in man?

d) Name one poultry disease caused by virus.

51. a) Give any one difference between ruminants and carnivorous animals.

b) Why are hyenas called a scavenger mammals?

c) Name two other examples of scavenger mammals.

i) _____ (ii) _____

52. a) Give one use of roots to the following.

i) Plants _____

ii) Animals _____

b) How do farmers propagate the following plants?

i) Bananas _____

ii) Maize _____

53. Below is a diagram of a musical instrument. Use it to attempt questions about it.

a) Name the musical instrument shown in the diagram above.

b) To which group of musical instrument does it belong?

c) State the function of part marked A.

d) Describe the pitch produced by string 4 on the diagram.

54. a) Explain the term sanitation.

b) State any two activities done by man to promote good sanitation.

i) _____ (ii) _____

c) How is poor sanitation dangerous to man?

55. a) Apart from mushrooms, identify any one other example of a fungi.

b) Give one use of mushrooms to people.

c) How do mushrooms

i) Feed? _____

ii) Reproduce? _____

END

SECTION A

1. Identify one element of weather.

2. State one way we can protect ourselves from malaria.

3. Which type of soil has rough and large particles?

4. Mention one requirement in a clean home.

5. Which process in plants has a similar function as sweating in human beings?

6. Name any one disease of rabbits that affects birds.

7. Which property of air is shown in the diagram below?

8. State one function of feathers to a bird.

9. Which part of your body is used for feeling?

10. Why do bees visit flowers?

11. Give a reason why plants with weak stems climb others.

12. Name the type of tooth shown in the diagram below.

13. Write CDD in full as it is used in sanitation.

14. Why should leftover food be covered?

15. Name the type of domestic birds that are reared for eggs production.

16. Which type of clouds provides us with rain?

17. Where in the digestion system of a man does digestion begin?

18. At what time of the day do shadows appears shortest?

19. Which term is used to mean the general cleanliness of the environment?

20. Of what importance are road sign to road users?

21. On which part of an insect are spiracles found?

22. What is the main source of water?

23. Identify one item at home that uses electricity.

The diagram below shows a thermometer. Use it to answer questions 24 and 25.

24. Name the type of thermometer drawn.

2

25. What is the function of the thermometer above?

26. Identify one product got from poultry.

27. Why should fruits be washed before eating them?

28. Which mineral salt keeps our bones and teeth strong?

29. What causes kwashiorkor in young children?

30. Why is a maize grain regarded as a fruit?

31. Which organism spreads trachoma to man?

32. What is poultry keeping?

33. Name the season when there is enough water in the soil that supports plant growth.

34. Name the main natural source of light.

35. Which method is used to introduce vaccines into the body through the mouth?

36. What is weather?

37. Which of the leaves below grows on a dicotyledonous plant?

38. What condition in babies is shown by a sunken soft spot on the head?

39. By what process do plants lose water in form of water vapour to the atmosphere?

40. Name the condition of seed germination that softens the testa of a seed.

SECTION B

41. a) Write down at least two components of air.

i) _____ (ii) _____

b) Which component of air do green plants need to make starch?

c) Suggest the component of air given off by plants during photosynthesis.

42. a) What is a balanced diet?

b) Mention the best food for a newly born baby.

c) Study the table below and fill in the missing information.

FOOD	FOOD VALUE
beans, fish	-----
carrots, onions	-----

43. a) Give two examples of root crops.

i) _____ (ii) _____

b) Suggest at least two ways crops farmers can care for their crops.

i) _____ (ii) _____

44. Below is a diagram of a section of the soil. Use it to answer the questions that follow.

a) What name is given to the section of soil in the diagram?

b) Name the layers of soil marked with the letters.

i) S _____ (ii) T _____

iii) U _____

45. a) Write down two ways a P.5 pupil can keep his / her body clean.

i) _____ (ii) _____

b) Give one importance of each of the following body organs.

i) The tongue _____

ii) The brain _____

46. a) What is soil erosion?

b) Give any two agents of soil erosion.

i) _____ (ii) _____

c) Name the method of controlling soil erosion shown below.

47. Man needs basic needs such as food, shelter, clothes and medical care.

a) Which of the above mentioned basic needs protects man from harsh weather?

b) Which basic need protects man from deficiency diseases?

c) Suggest two reasons why animals move from one place to another.

i) _____

ii) _____

48. a) What is mulching?

5

b) Give any one material used in mulching.

c) Why do crops farmers mulch their gardens? (Give two reasons)

i) _____

ii) _____

49. **The diagram below shows part of the digestive system. Study it carefully and answer the questions that follow.**

a) Name the parts marked:-

i) P _____ (ii) Q _____ (iii) R _____

b) Using letter S, mark the part that stores bile.

50. **Match items in A with those in B correctly.**

List A

List B

Trachoma

Difficulty in passing out faeces

Tiger mosquito

Condition when the body does not have enough fluids

Dehydration

Spread by a housefly.

Constipation

Spread yellow fever

i) Trachoma _____

ii) Tiger mosquito _____

iii) Dehydration _____

iv) Constipation _____

51. a) Give one example of an insect pollinator

b) Write down two types of pollination.

i) _____ (ii) _____

6

c) Suggest one use of flowers to man.

52. a) Mention one breed of rabbits.

b) Suggest at least two reasons why people keep rabbits.

i) _____

ii) _____

c) What name is given to a female rabbit?

53. Name the animal that lives in:

a) A nest _____

b) A sty _____

c) A cobweb _____

d) A kennel _____

54. a) Write down two examples of people who need special care in our communities.

i) _____ (ii) _____

b) State any role of:

i) A family head _____

ii) A child in a home _____

55. **The diagram below shows an equipment used by first aiders.**

a) Name the equipment drawn above.

b) How is the above container useful to first aiders?

c) Give any two items kept in the above container.

i) _____ (ii) _____

2hours 15minutes

Name _____ **AD.No.** _____ **Stream** _____

SECTION A

1. Name the best food for a newly born baby.

2. What name is given to the food made by leaves?

3. What is the use of a charcoal stove in a home?

4. Mention one activity done by a P.5 pupil to promote sanitation at school.

5. What is formed when light is blocked by an opaque object?

6. Besides use of legs, how else do some insects move?

7. Identify any one cause of road accidents.

8. State the general name given to the part of a flower shown in the diagram below.

9. Name one vector responsible for spreading diarrhoea.

10. Name any component of the environment without life.

11. Why do farmers add bird droppings to soil?

12. How useful is a hutch to a domestic rabbit?

13. Mention one living thing that stings as a means of protection.

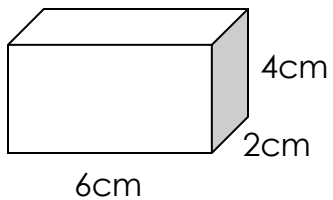
14. Which sense organ does Isaac use to watch world cup matches on a television?

15. Identify one example of a poultry breed kept in Uganda.

16. On which body part is measles vaccine administered?

17. What name is given to a mature female chicken?

18. Find the volume of the cuboid below.



19. What do we call the first set of teeth in young children?

20. Name the main source of heat and light energy in our environment.

21. What is poultry keeping?

22. Name the best type of soil for crop growing.

23. What happens to blood when it is in human kidneys?

24. Give one function of roots to a plant.

25. Name one disease that spreads among people as a result of having stagnant water around homes

26. What do we call the sudden happening that causes harm to the body?

27. Give one example of a pest that destroys crops in the garden.

28. What happens to salt when fully mixed with water?

The diagram below shows the leg of a bird. Use it to answer questions 29 and 30.

29. Name the part marked T.

30. What is the importance of the part you have named in no. 29 above to a bird?

31. Why is a maize grain called a fruit?

32. How is a clinical thermometer useful to a health worker?

33. What are social insects?

34. Identify air component that is used to put out fire.

35. Why is a stone grouped under non – living things?

36. Why do people plant short grass in their compound?

37. Name the delicate body part protected by the skull.

38. What is the danger of eating under or poorly cooked meat?

39. Name the garden tool drawn below.

40. Besides moisture, which other component aids rusting of the above garden tool?

SECTION A

41. a) Mention the best season for planting crops.

b) Identify atleast two local methods of preserving food.

i) _____ (ii) _____

c) Why should farmers harvest their crops during the dry season?

42. a) In which container are first aid items kept?

b) Suggest two reasons why accident victims should be given first aid.

i) _____

ii) _____

c) What type of fracture is shown in the diagram below?

43. a) What is air?

b) Write down two components of air.

i) _____ (ii) _____

c) Which component of air is needed for photosynthesis?

44. Use the list of the food stuffs below and answer the questions that follow.

BEANS, CASSAVA, MILK, ORANGES, CABBAGE

a) From which food stuff in the list above do we gain energy as a food value?

b) Give two food stuffs which are a source of proteins.

i) _____ (ii) _____

c) Why would you regard the list of food stuffs above as a balanced diet?

45. a) What is pollination?

b) Name the type of pollination shown in the diagram below.

c) Identify two agents of pollination.

i) _____ (ii) _____

46. a) Which type of soil is used for making pots?

b) Name the type of soil with the large particles and thereafter holds water for a short time.

c) Give any two uses of soil to people.

i) _____

ii) _____

47. The table below shows animals found in our environment. Use it to answer questions that follow.

Lion	Cow	Cat	Goat
------	-----	-----	------

a) Identify two domestic animals from which we get milk in the table above.

i) _____ (ii) _____

b) What is the difference between a cow and a lion in terms of feeding?

c) What pests do cats control in crop farming?

48. The diagram below shows the life cycle of a housefly. Use it to answer the questions that follow.

a) Name the stages marked C and D.

i) C _____ (ii) D _____

b) State the danger of a housefly at stage D.

c) Other than a housefly, identify one insect that undergoes four stages of development.

49. a) What is weather?

b) Mention the best type of weather for winnowing crops.

c) Write down two types of weather where people use umbrellas.

i) _____ (ii) _____

50. a) What are flowering plants?

b) Give one example of a flowering plant.

c) State any two uses of flowers to man.

i) _____

ii) _____

51. Use the activities in the list below to answer questions that follow.

CHARCOAL BURNING, FISHING, PRUNING, MULCHING, TREE PLANTING

a) Name the activity that:

i) Controls the growth of weeds. _____

ii) Prevents drought _____

b) Which of the above activities destroys the environment?

c) Identify the activity carried out by crop farmers to remove excess parts from plants.

52. a) Suggest one reason why people rear / keep rabbits.

b) How different is a buck from a doe?

c) What name is given to the young ones of a rabbit?

d) Mention one exotic breed of rabbits.

53. **The diagrams below show body organs. Use them to answer questions that follow.**

a) Name the body organs marked with letters P and Q.

i) P _____ (ii) Q _____

b) What is the function of the organ marked Q?

c) Name the substance pumped by organ Q to all body parts.

54. a) Identify one process in the environment which is needed in rain formation.

b) State any two uses of rain water to man.

i) _____ (ii) _____

c) What instrument is used to measure the amount of rainfall received in an area?

55. a) Suggest three conditions necessary for seed germination.

i) _____

ii) _____

iii) _____

b) Mention one crop that carries out epigeal germination.

END