

# Science Revision

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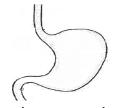
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1.	Name any <b>one</b> domestic animal that gives us milk.
2.	What deficiency disease causes swelling of the neck?
3.	How do most people in the city get food?
4.	Why is sugar important in <b>ORS</b> ?
5.	How are flowers useful to bees?
6.	Why is it important to wash hands after eating food?
7.	How are ears useful to a dog?
8.	Which component of soil makes the soil fertile?
	The diagram below shows roots of a plant. Use it to answer question
9.	Identify any one plant with such roots.
10.	Give any <b>one</b> danger of diseases to people.
11.	Write <b>one</b> way farmers can stop rats from destroying stored food.
12.	How are termites similar to wasps in the way they live?

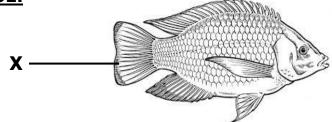
13.	Give <b>one</b> way of controlling houseflies at home.				
14.	What is the importance of a micopyle to a bean seed?				
15.	Which food value is needed most by people who make bricks?				
16.	Why do first aiders need a first aid box?				
17.	How can P.4 children keep their classroom clean?				
18.	Give <b>one</b> importance of banana fibres to school children.				
19.	Why is it important for people to preserve food?				
20.	Give the importance of the item below to a school child.				
21.	Write <b>one</b> effect of drought to people.				
22.	Give any <b>one</b> way of killing germs and vectors in our clothes.				
23.	Name any <b>one</b> childhood immunisable disease in our community.				

## The diagram below shows a human body organ. Use it to answer questions 25 and 26.



- 24. Name the body organ shown above.
- 25. Give any **one** function of the above part of the body.
- 26. Why do some schools have gardens?
- 27. Which instrument is used by health workers to find the body temperature of a patient?
- 28. Name any **one** natural change in the environment.
- 29. Identify **one** group of people who control the flow of traffic on our roads.
- 30. Why should people eat a balanced diet?

The diagram below shows a common animal. Use it to answer question 31.



- 31. How is part **X** useful to the animal above?
- 32. Draw and name a garden tool used for peeling.

33.	Give the difference between air and wind.						
34.	Write <b>one</b> way of saving energy at home.						
35.	State any <b>one</b> way of caring for toilets at school.						
36.	Which sense enables people to tell that there is sugar in tea?						
37.	How is the item below useful to people?						
38.	Why do dogs move from one place to another?						
39.	Give the importance of earthworms in the soil.						
40.	Name any <b>one</b> local material that is used to build permanent houses.						
	SECTION B:						
41.	<ul><li>(a) Give any <u>two</u> dangers of accidents to people.</li><li>(i)</li></ul>						
	(ii)						
	(b) State <b>two</b> ways in which people can prevent accidents at home.						

	(i)	
	(ii)	
42.	(a)	How many teeth make up the first set?
	(b)	Give the function of teeth when eating food.
	(c)	Name any <b>one</b> disorder of teeth.
	(d)	State <b>one</b> way people at home can take care of their teeth.
43.	(a)	What is photosynthesis?
	(b)	Which part of a plant carries out photosynthesis?
	(c)	How is chlorophyll important during photosynthesis?
	(d)	Apart from photosynthesis, name one other process that takes place in plants.
44.	(a) (i)	Write any <b>two</b> processes involved in the formation of rain.
	(ii) (b)	How is too much rainfall dangerous to our environment?
	(c)	Give the function of the sun in rain formation.
45.	(a) (i)	Write any <b>two</b> diseases that result from poor feeding.

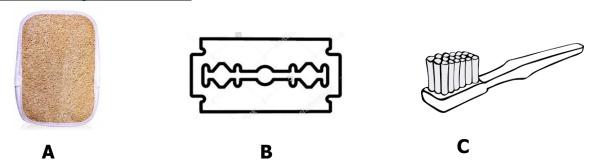
(ii) (b) Give **one** sign of poor feeding among children. Identify any **one** way people in your family get food. (c) The diagram below shows a life cycle of a butterfly. Use it to answer question 46. 46. (a) Name stage marked **L** on the diagram above. (b) How is stage **N** dangerous to people? (c) Which of the stages above is useful to farmers? (d) Identify any other insect that undergoes a life cycle like the one above. 47. (a) Write any **two** ways water gets contaminated at home. (i) (ii) (b) Give **one** danger of drinking contaminated water. (c) Identify any **one** method you would use to make water safe for drinking.

48. (a)

What is fuel?

b) i)	Name any <u>two</u> fuels commonly found in the kitchen.
ii)	
c)	Write any one way of saving energy at home.
a)	Give any <b>one</b> example of a wild bird.
b)	Name any <b>one</b> domestic animal which does not give us meat.
c) \	Write any <b>two</b> ways of caring for domestic animals.
i) ii)	
a)	
b)	Why is top soil suitable for plant growth?
c)	Identify any <b>two</b> human activities that can damage soil.
i) ::\	
ii) a)	How is <b>AIDS</b> dangerous to people?
b)	Give two ways of caring for AIDS patients.
i)	<u> </u>
ii)	

## The diagrams below show items used to keep our bodies clean. Use them to answer question 52.



- 52. (a) Name any **one** part of the body that is cared for using item marked **C**.
  - (b) Write any **one** hygiene activity that is done using item marked **A**.
  - (c) How is item **B** useful to people?
  - (d) Identify any **one** source of item marked **A**.

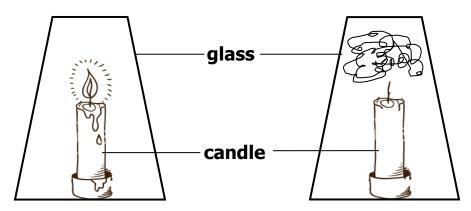
#### 53. Match the part of a flower to the correct function.

		<u>Part</u>		<u>function</u>
	(i)	stigma	-	produce pollen grains.
	(ii)	ovary	-	attract pollinators.
	(iii)	anthers	-	holds the ovules.
	(iv)	petals	-	receives pollen grains.
	(i)	stigma		
	(ii)	ovary		
	(iii)	anthers		
	(iv)	petals		
54.	(a)	Give the function of the following weather instruments.		
	(i)	wind vane -		

(ii) anemometer - \_\_\_\_\_\_(b) Why should a rain gauge be placed in an open place?

Write any **one** activity that farmers can do in windy weather.

## 55. The experiment below was carried out by P.4 pupils. Use it to answer questions that follow.



- (a) What is the experiment about?
- (b) What will happen to the candle after some time?
- (c) Name any other process that uses the same gas as burning.
- (d) Which gas can be used to stop things from burning?

(c)

1.	Give any <b>one</b> infant immunisable disease.						
2.	What is the use of earthworms in the soil?						
3.	In which way are teeth useful during digestion of food?						
4.	Which type of seeds undergoes epigeal germination?						
5.	The diagram below shows a plant.  S  Of what use is structure marked S to the plant?						
6.	Why does sand soil easily lose water?						
7.	Give any <b>one</b> advantage of weeding to farmers.						
8.	How can you help in saving electricity at home and school?						
9.	Why is a mosquito grouped under living things?						
10	In which <b>one</b> way can you help to improve soil fertility?						

The diagram below shows the head of a bird.



11.By use of an arrow, show the wattle.
12. How do plants like mangoes reduce their rate of transpiration during the dry season?
13. Why is a shed put at the top of a nursery bed?
14. Name the human body organ where urine is stored before it is removed from the body
15. Why is massive cutting down of trees dangerous to our environment?
16. Why would you advise poultry farmers using free range not to live near forests?
17. Give any one danger you may get for failing to wash your clothes.
18.In which <u>one</u> way can you help in controlling diarrhea at home?
The diagram below shows a kettle with boiling water.  K  19.Name the substance labeled K.
20.Which form of energy leads to formation of substance <b>K</b> ?
21. Name any <b>one</b> disease spread by a vector that feeds on faeces.
22. Give <b>one</b> danger of polio to infants.
23. How do children get infected with worms?
24. Name any <b>one</b> type of poultry.

	4cm 2cm	
26.Why do peop	ple eat food?	
27.Why are peo	pple discouraged from careles	ssly playing with razor blades?
28.Give any <u>on</u>	<b>e</b> natural change in the envir	onment.
29. <u>In the s</u>	pace below, draw a whole	bean seed and show the seed coat.
30.How can you	u separate passion fruit juice	from its seeds?
31.Name the ki	nd of honey bee commonly fo	ound near flowers.
32.Why is it dar	ngerous to keep poison in ope	en places at home?
33.How do farm	ners care for their crops durin	ng drought?
34. <u>Draw th</u>	<u>e item in which rubbish is</u>	disposed in the classroom.

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25. Calculate the volume of the figure below.

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35.Give	e any <b>one</b> advantage of keeping records to farmers.
 36.Hov	v do farmers control crop pests in their gardens?
 37.In v	which <b>one</b> way can children and their teachers use shadows in their environment.
 38.In v 	which way is a nuclear family different from an extended family.
 9.Hov	v can crop farmers make good use of wind?
 0.Wh	y do animals make movements?
(i)	lame any <u>two</u> examples of domestic animals.
-	Give any <u>two</u> insects eaten by people.
	The diagram below shows internal parts of an egg. Use it to answer quest to follow.
a)   <b>K</b> <b>X</b>	Name the part labeled <b>K</b> and <b>X</b>
-	By use of an arrow ( $\rightarrow$ ) and letter <b>P</b> , show the part that develops into a chick. How is structure labelled <b>M</b> useful to poultry farmers?

(i)	Identify any <u>two</u> breeds of rabbits	
	Name any <b>one</b> disease that affects the above animals.	
c)	How do farmers control rabbit diseases?	
 14.	Re-arrange the following sentences to describe the order (steps) involve	ed in rain
<u>fo</u>	rmation.	
1.	The nimbus clouds become heavy and fall as rain.	
2.	Evaporation and transpiration takes place.	
3.	Water vapour rises up and condenses to form nimbus clouds.	
4.	The sun heats water in lakes and the vegetation.	
1.		
2.		
3.		
4.		
5. <b>Th</b>	ne diagram below shows an experiment which was carried out by P.3 pup	il's. Use
<u>it</u>	to answer questions that follow.	
Con	glass	
_	X Y Z Which component of air supports the process in X?	
	Why did the candle continue burning in <b>Y</b> ?  Why did the candle stop burning as shown in <b>Z</b> ?	

d) What does the above experiment show about air? 46. a) Write **ORS** in full. b) Mention **one** solute used in making of **ORS**. c) How is **ORS** useful to a person suffering from diarrhea? d) Why is it important to wash hands before preparing **ORS** locally? 47. a) What is photosynthesis? b) Name any **one** raw material needed by plants to carry out photosynthesis. c) Write the food made by plants during photosynthesis. d) Name the gas released by plants during photosynthesis. The diagram below shows parts of the human digestive system. 48. a) Name the parts labelled G and E. b) In which way is part **F** useful during digestion? c) How can you improve on the normal functioning of your digestive system?

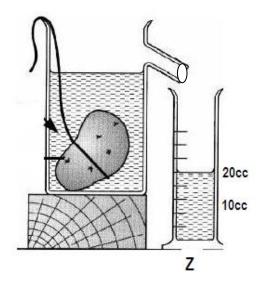
(i) (ii) b)	why are causalities taken to hospitals or health centres?  How can you assist your friend who has fallen in a pit latrine?
 50.	The table below is a weather chart. Use it to answer questions that
	follow.
	B  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
a)	Write one crop farming activity that may be carried out in conditions A and C above
(i)	
(ii)	
D)	Which weather condition is suitable for winnowing?
c)	Give the advantage of weather condition <b>D</b> to our environment.
 51.	The diagram below shows a garden tool.

a) Identify the garden tool snown above.					
	b) How is the above garden tool useful to farmers?				
	-	w do you care for such garden			
52			the diseases they spread correctly.		
	Vect	or	disease		
	Tset	se fly	plague		
	Housefly		malaria		
Female anopheles moso		ale anopheles mosquito	sleeping sickness		
	Rat	fleas	bilharzias		
			Cholera		
	(i)	Tsetse fly			
	(ii)	Housefly			
	(iii)	) Female anopheles mosquito			
	(iv)	Rat fleas			
53	.a) Write	e any <u>one</u> food stuff rich in ca	rbohydrates.		
	b) Whi	ch deficiency disease can a ch	ild suffer from if he / she lacks enough carbohy	ydrates.	
	c) Apart from carbohydrates, name other <b>two</b> food values required in our bodies.  (i)				
	(ii)				
54.		t is soil erosion?			
	b) Ment	tion any <u>one</u> cause of soil eros	sion.		

- c) How can erosion be controlled in the following areas?

  (i) school compound
- (ii) a garden on a hilly land \_\_\_\_\_\_

#### 55. The diagram below shows a method used in measuring objects.



- a) Which kind of objects are measured using the method shown above?
- b) Name container marked Z.
- c) If the stone has a density of 3g/cc. calculate its mass (2 marks)

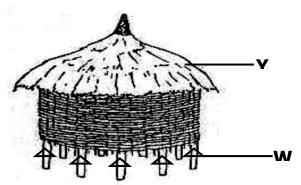
1.	Name <u>one</u> faecal disease.		
2.	Give <b>one</b> way a P.5 child can prepare eggs for eating.		
3.	State any <b>one</b> role of a mother in a home.		
4.	How are grasshoppers dangerous to farmers?		
5.	Write any <b>one</b> use of banana fibres at school.		
6.	How useful is the item drawn below to people at home?		
7.	Name the body organ used for seeing.		
8.	Give any <b>one</b> source of water.		
9.	Which part of a plant is used for sucking water from the ground?		
10.	Identify <b>one</b> animal at home that produces milk.		
11.	Why are some metallic tools painted?		

Which gas is needed by plants during photosynthesis?
Give <b>one</b> use of shadows to people.
How can you prevent tape worm infection?
Name the type of soil which is rough and with large particles.
State any <b>one</b> danger of strong wind.
Name any <u>one</u> agent of soil erosion.
State any <b>one</b> danger of not brushing your teeth after every meal.
Why does a stone sink when thrown in water?
Identify <b>one</b> characteristic of an insect.
How is the garden tool below useful to farmers?
How many legs has a spider?
Name <b>one</b> harmful plant in the environment.

24.	<u>Draw a diagram to show that air occupies space.</u>
25.	Give <u>one</u> example of a perennial crop.
26.	Name <b>one</b> vector that breeds in water.
27.	Name any <b>one</b> thing made out of clay at home.
28.	Give the use of the body organ marked <b>Y</b> on the diagram below. <b>Y</b>
29.	In which way are rats dangerous to people?
30.	State <b>one</b> danger of electricity in our homes.
31.	Give any <b>one</b> use of food in our body.
32.	Why is it important to cross the road carefully?
33.	Give any <b>one</b> use of a school garden.
34.	State any <b>one</b> way of caring for crops in the garden.

. The	e diagram below shows an animal.
Hov	v does the animal above move from one place to another?
. Wh	y should rabbit hutches be cleaned regularly?
. Nan	ne the weather instrument used to measure the amount of rain received in
. Ide	ntify <u>one</u> component of air.
. Give	e <u>one</u> way a P.4 child can prevent him/herself from getting AIDS.
(2)	SECTION B What is weather?
. (a)	
(b)	Name the element of weather which people use to;
(i)	water their crops?
(ii)	winnow harvested crops?
(c)	Name <b>one</b> material used to manage weather.

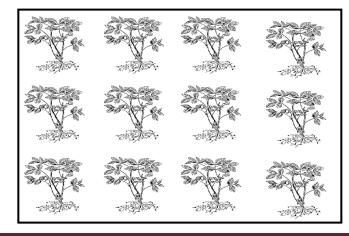
#### Below is a food store. Use it to answer question 42.



- 42. (a) Name the food store shown above.
  - (b) Write **one** material used to make the above store.
  - (c) Name part marked **W**.
  - (d) How is part marked **Y** useful on the food store.
- 43. (a) What is wind?
  - (b) How can wind be useful to people?
  - (i)
  - (ii)
  - (c) In which way is wind dangerous to people?

#### The diagram below shows a method of planting. Use it to answer

question 44.

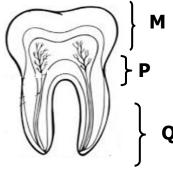


44.	(a)	Name the above method of planting.
	(b)	Write down any <b>two</b> advantages of using the above method of planting.
	(i)	
	(ii) (c)	Apart from the above method, write <b>one</b> other method of planting.
	( )	
45.	(a)	What is an extended family?
	(b)	Name any <b>two</b> groups of people found in an extended family.
	(i) (ii)	
	(c)	Give one way in which a nuclear family can become an extended
		family.
	<u>The</u>	diagram below show a split bean seed. Use it to answer question 46
	F	P
46.	(a)	Name parts marked <b>Q</b> and <b>R</b> .
τυ.	(a) <b>Q</b>	
	R	
	(b)	Give the function of part marked <b>P</b> .

(c)	Which type of germination does the bean seed above undergo?

Animal		Habitat
Bird		Hutch
Dog		Nest
Rabbit		Kraal
Cow		Kennel
(i)	Bird	
(ii)	Dog	
(iii)	Rabbit	
(iv)	Cow	

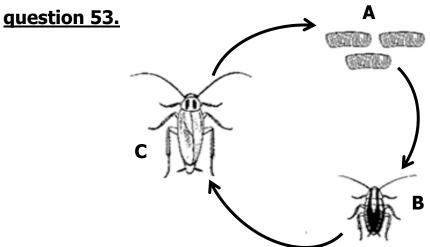
#### Below is a diagram of a human tooth. Use it to answer question 48.



- 48. (a) Name the type of tooth drawn above.
  - (b) Name the region marked **M**.
  - (c) How is the above tooth useful when eating?
  - (d) State any one way in which people can protect their teeth from

	decay.
ı	Name any <b>two</b> sources of food.
	Which food value is obtained from eating fruits?
	Which deficiency disease is as a result of lack of carbohydrates in the
	Give any <u>two</u> components of the first aid box.
	State <b>two</b> reasons why first aid should be given.
	Give <u>two</u> examples of wood fuel used at home.
	Write down <b>one</b> use of paraffin at home.
	Give any <u>one</u> use of the sun.
<u>e 1</u>	the words below to fill in the passage below correctly.
aiı —	n , condenses , heats , atmosphere
e s	sun the water causing evaporation to take pla

#### The diagram below shows a life cycle of a cockroach. Use it to answer

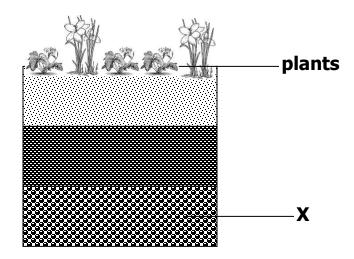


53.	(a)	Name the stages marked <b>A</b> and <b>B</b> .	
	A		
	В		
	(b)	Apart from a cockroach, name any other insect that undergoes the ab	ove
		life cycle.	
	(c)	Give any <u>one</u> danger of cockroaches at home.	
54.	(a)	Identify <u>two</u> causes of dehydration.	
	(i)		
	(ii)		
	(c)	State any <b>two</b> signs of dehydration in children.	
	(i)		
	(ii)		
55.	(a)	How do the following animals protect themselves?	
	(i)	Dog:	
	(ii)	Chameleon:	
	(b)	Give <u>two</u> uses of wild animals to people.	
	(i)		
	(ii)		

1.	Name any one part of the human body organ that is found on the head
2.	Give <b>one</b> way family members may care for an HIV/AIDS patient?
3.	Give any <b>one</b> example of an annual crop.
4.	Mention any <u>one</u> component of soil.
5.	State <b>one</b> importance of keeping our bodies clean.
6.	In the space below, draw a diagram to show that air exerts pressure.
7.	Name the disease vector that spreads malaria.
8.	Write down any <b>one</b> danger of the sun.
9.	Identify any <b>one</b> example of a natural change in the environment.
10.	Apart from a hen, name <b>one</b> other domestic bird.
11.	Give <b>one</b> way people can care for insects such as bees.

## The diagram below shows a soil profile. Use it to answer questions 12 and





- 12. Identify the layer marked **X**.
- 13. Using an arrow, show the layer that contains a lot of humus.
- 14. Give **one** way of keeping food free from germs.
- 15. State the importance of a dog to people in a home.
- 16. The diagram below shows a garden tool.

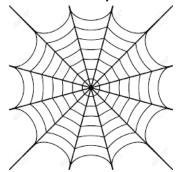


How do people care for the above garden tool?

- 17. Name any **one** example of an insect without wings.
- 18. State any **one** way of controlling pests in a garden.

19.	Name any <b>one</b> living component in the environment.
20.	In which way is clearing bushes near your home useful to family members?
21.	In which way is cutting down of trees a danger to the environment?
22.	Draw any one item used to keep our bodies clean.
23.	State <b>one</b> disadvantage of heavy rainfall to people.
24.	Mention any <b>one</b> local material made from banana fibres.
25.	Give any <b>one</b> example of a domestic bird.
26.	State the importance of grasshoppers to people.
27.	Give <b>one</b> way of avoiding accidents at home.
28.	What type of germination does a bean seed undergo?
29.	Give <b>one</b> way of avoiding accidents at home.
30.	Mr. Kalumbe's family has parents, grandparents and biological children. Which kind of family is this?

31. Which animal stays in the habitat shown below?



- 32. Identify any **one** common sign of a crop damaged by pests.
- 33. To what class of food does cassava belong?
- 34. Give any **one** way of caring for wild animals.
- 35. Why should you group a maize plant under living things?
- 36. Apart from the sun, give any other natural source of energy.
- 37. Mention any **one** childhood immunisable disease.
- 38. Why do you group tomatoes under annual crops?
- 39. State any **one** activity where clay soil is used as a raw-material.
- 40. Give any **one** use of a cow to people at home.

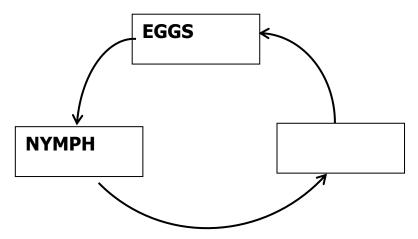
#### **SECTION B**

- 41. (a) How do we call a meal that contains all food values in their correct amount?
  - (b) Mention any two classes of food that make up a balanced diet.

(II)	
(c) What food valu	ue do we get from eating beans?
The diagram belo	ow shows a fish. Use it to answer questions that follow
A -	B
(a) Name the part	s labeled with letter A and B.
Α	
В	
(b) Using an arrov	v on the diagram, show the part used for smelling food in
water.	
(c) Give any <u>one</u> (	use of fish to people.
(1)	common accidents at home.
(ii)	
(b) Mention any <b>o</b>	<b>ne</b> cause of accidents at home.
(c) What first aid i	s given to someone with burns?
Match the garde	n tools in A to their uses in B correctly.
A	В
Wheelbarrow	- splitting firewood.
Watering can	- breaking stony and hard soil.
Forked hoe	- carrying rubbish and manure.
Axe	- watering plants.

• •	Wheelbarrow
(ii)	Watering can
(iii)	Forked hoe
(iv	
a)	Name any <b>one</b> source of water in our community.
b)	Give any one use of water to people.
c)	Write any one way of making water safe for drinking.
d)	Give any <b>one</b> danger of having stagnant water near our homes.
Th	e diagram below shows the shoot system of a flowering plant
to	answer the following questions.
	C <del></del>
	A A
	Name the parts of the shoot labeled with letters <b>A</b> and <b>C</b> .
A	A
A C	Name the parts of the shoot labeled with letters <b>A</b> and <b>C</b> .
<b>A</b> <b>C</b> b)	Name the parts of the shoot labeled with letters <b>A</b> and <b>C</b> .
A C	Name the parts of the shoot labeled with letters <b>A</b> and <b>C</b> .  Give <b>two</b> uses of part <b>B</b> to a plant.

### 47. The diagram below shows the life cycle of a cockroach.

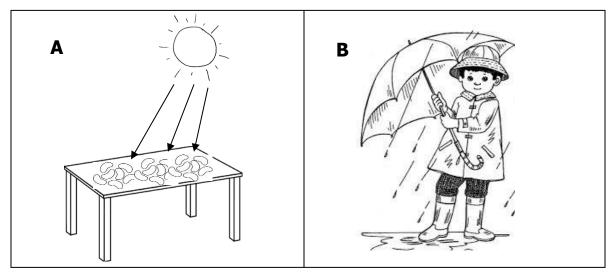


- (a) Complete the life cycle of a cockroach above.
- (b) Name the type of lifecycle shown above.
- (c) Apart from the life cycle above, mention **one** other type of insect life cycle.
- 48. (a) What are domestic animals?
  - (b) Give **two** examples of domestic animals that provide people with milk.
  - (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
  - (c) Give any **one** way people can care for their domestic animals.
- 49. A house is a building that is lived in by a family.
  - (a) Name any two materials used in building a house.
  - (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
  - (b) Give any **two** places where people can get building materials.
  - (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
- 51. (a) In **one** sentence , write the meaning of personal hygiene.

(a) What name is given to the natural change shown above?  (b) Name the processes that take place at <b>B</b> and <b>C</b> .  (c) How are plants useful in the natural change above?	(८)	State any <b>one</b> importance of personal hygiene.
(a) What name is given to the natural change shown above?  (b) Name the processes that take place at <b>B</b> and <b>C</b> . <b>B</b>	_ <u>Th</u>	e diagram below shows a natural change in the atmosphere. St
(a) What name is given to the natural change shown above?  (b) Name the processes that take place at <b>B</b> and <b>C</b> .  (c) How are plants useful in the natural change above?	<u>an</u>	l answer the questions that follow.
(b) Name the processes that take place at <b>B</b> and <b>C</b> . <b>B C</b> (c) How are plants useful in the natural change above?		B
C (c) How are plants useful in the natural change above?	(a)	What name is given to the natural change shown above?
(c) How are plants useful in the natural change above?	• ,	
	_	
(a) Briefly explain the term mulching.	C	How are plants useful in the natural change above?

(c) How can mulching be a danger to crops in the garden?

# 53. The figure below shows a weather chart. Use it to answer questions that follow.



- (a) Identify the types of weather shown in **A** and **B**.
- (i) **A** \_\_\_\_\_
- (ii) **B** \_\_\_\_\_
- (b) Give any **one** way in which the type of weather in **B** is useful to a crop farmer.
- (c) State one way of protecting ourselves from weather **B**.

### 54. Complete the table below correctly.

Food value	Source	Use in the body
	mangoes	Keeps the body healthy
proteins		Builds the body
carbohydrates		

# Stir until all the salt and sugar dissolve. Wash your hands with clean water and soap. Measure one litre of drinking water into a clean container. Measure one leveled teaspoonful of salt and eight of sugar into the drinking water. (i) (ii) (iii)

(iv)

## PAPER 5

1	Name any <b>one</b> staple food that is processed using a mortar and a pes
(	Give any <b>one</b> material that people may use to clean their teeth.
- F	How do farmers protect their crops from being destroyed by drought?
(	Give any <b>one</b> way of preventing faecal diseases at school.
\	Why do people put scare crows in their gardens?
I	in which way is a leopard dangerous to people?
1	Name the living component of the environment which gives us timber
I	dentify any one natural factor that destroys our environment.
_ _	Draw and name a tool you can use to clean a house.
ŀ	How are forests useful to birds?
- -	How do people control malaria in their homes?

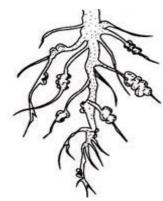
How is heavy rainfall dangerous to people? 12. 13. Mention any **one** social insect. Name **one** plant that gives us fibre for making balls. 14. How do people prevent spread of **HIV/AIDS** in their communities? 15. 16. State any **one** source of heat energy in our environment. 17. Identify any **one** area in a home that requires constant cleaning. 18. Name any **one** other relative in an extended family. Which type of weather encourages people to wear sweaters? 19. 20. Identify any **one** immunisable disease. The diagram below shows part of a flower. 21. Use an arrow and letter **Z** to show the stigma. 22. Give any **one** role of a mother at home.

23.

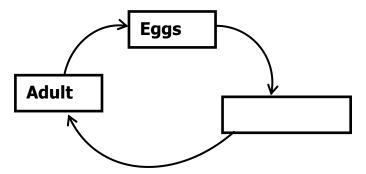
Why do farmers mulch their gardens?

Give any <b>one</b> animal which lives in soil.
Why are bean plants grouped under flowering plants?
Name any <b>one</b> material that people use to keep the toilets clean.
Give any <b>one</b> use of soap at school.
State any <b>one</b> way of controlling the spread of malaria at home.
State any <b>one</b> way of preventing skin diseases.
Draw a garden tool used for cutting trees.
State <u>one</u> importance of eating a balanced diet.
Give any <b>one</b> use of skins and hides of animals to people.
How can injuries of cuts be prevented at home?
How can injuries of cuts be prevented at home?  Where do houseflies lay their eggs?

### The diagram below shows roots of plants.



- 35. Name **one** plant with the kind of roots shown above.
- 36. A kitten is a young one of a domestic animal. Name that animal.
- 37. Why is it important for school children to wear shoes?
- 38. Complete the life cycle.



- 39. Give any **one** use of carbon dioxide.
- 40. Name any **one** plant that has thorns on its stem or leaves.

### **SECTION B**

- 41. (a) Apart from water, give any other **two** components of soil.
  - (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
  - (b) Name **one** farming practice that can keep water (moisture) in the soil.

	(c)	Give any <b>one</b> use of water at home.	
42.	(a)	Why do people preserve food?	
	(b) (i)	Apart from refrigeration, give <b>two</b> other ways of preserving food.	
	(ii) (c)	Why is refrigeration not common in rural areas?	
43.	(a)	Name the sense organ for tasting.	
	(b)	Give <u>one</u> way of caring for the organ you have named in (a) above.	
	(c) (i) (ii)	Write <b>two</b> other senses in the human body.	
44.	(a)	Match the types of weather in <b>A</b> to the correct activities in <b>B</b> .	
		<b>A B</b>	
	•	y weather winnowing seeds	
		dy weather drying harvested crops	
	Sum	ny weather harvesting water	
	(i)	Rainy weather	
	(ii)	Windy weather	
	(iii)	Sunny weather	
	(b)	Which of the above types of weather can we manage by putting gumboots?	ng on

45.	a)	Which month in a year has the least number of days.	
	(b)	Name the season in which farmers plant their seeds.	
	(c)	Study the rectangle below.	
		3 cm	
		7 cm	
		at is the length and width of the rectangle?	
	(i)	Me hi	
16	(ii)	Width	auaction
46.	belo	e diagram below shows foodstuffs. Use it to answer the convergence of	<u>question</u>
		B B	
	(a)	Name the food stuff marked <b>B</b> .	
	(b)	Identify the food value got from foodstuff marked A.	
	(c)	Write <b>one</b> tool that can be used to peel foodstuff <b>B</b> for eating.	
	(d)	Why should foodstuff <b>A</b> be washed properly before eating it?	
47.	(a)	How do the following animals protect themselves from enemies?	

	(i)	Chameleon
	(ii)	Dog
	(iii)	Hen
	(b)	Write any one way domestic animals can be dangerous to
		people.
48.	<u>The</u>	digram below shows an item in a first aid box.
		Plaster
	(a)	Give the use of this item in giving first aid.
	(b)	Identify any <u>one</u> quality of a good first aider.
	(c)	State any <u>two</u> reasons for giving first aid to people who have got accidents.
	(i)	
49.	(ii) (a)	Name the disease caused by <b>HIV.</b>
	(b)	How is <b>HIV</b> spread from one person to another?
	(c)	Give <u>one</u> way a school child can protect him / herself from getting <b>HIV.</b>
	d)	Write any <b>one</b> way of caring for people with <b>HIV</b> .
50.	(a)	Give <u>two</u> uses of shadows to people.
	(i)	
	(ii)	In which direction will the chadow of an object he if the cup is in the West?
	(b)	In which direction will the shadow of an object be if the sun is in the West?

(c)	At what time of the day are shadows shortest?	_
(a)	Name the garden tools below.	
(b)	Name any <b>one</b> tool which can be cared for by;	
(i)	sharpening:	
(ii)	oiling moving parts:	
(a)	How are the following useful in the water cycle?	
(i)	The sun	
(ii)	Trees	
(b)	Name <b>one</b> human activity which can affect the water cycle	'•
(c)	Write one way people can make use of rainwater.	
<u>Fill</u>	in the gaps with the correct words.	
Gerr	mination is the development of a seed into a	·
The	ere are two types of germination namely hypogeal germination	n and
	germination.	
Duri	ing germination, seeds needto	o soften the test
for t	the embryo to come out. The radicle of a seed develops into	the root system
and	thedevelops into the shoot system.	
(a)	Name any <b>one</b> material / thing found in a bedroom.	

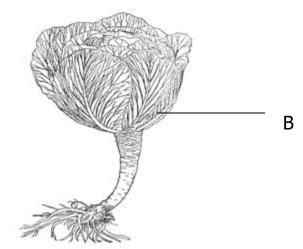
	(b)	Identify <b>two</b> ways of caring for our beddings.
	(i)	
	(ii)	
	(c)	Name <b>one</b> parasite that can come to our beds if they are not cleaned well.
55.	<u>The</u>	diagram below shows a fish. Use it to answer question 55.
		C B A
(a	) N	lame the parts marked <b>A</b> and <b>C</b> .
	A	
	C	
(b	) U	Ise letter <b>D</b> to show the part that protects the gills.
(c)	) G	Give <b>one</b> use of fish to people.
	_	

# PAPER 6

1.	Name the part of the body used for smelling.	
2.	Give any <b>one</b> way of preparing cassava before eating.	
3.	Why do bees visit flowers?	
4.	Why do we iron clothes before wearing them?	
5.	Draw a diagram of a simple leaf in the space below.	
6.	Name the gas used to put out fire.	
7.	State any <u>one</u> role of children in a home.	
8.	How are earthworms important in the soil?	
	"It refers to the general cleanliness of the place where we leave." Write <b>one</b> we for the above statement.	vord
10.	. How is fire useful at school?	
11.	. Write down any <u>one</u> use of sisal material at school.	
12.	Joan likes sharing sharp body cutting objects with her friends. How is this	

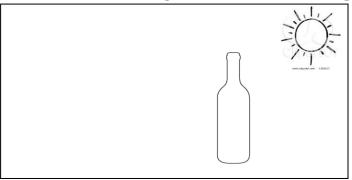
	practice dangerous to their health?
	Which human organ has the same function as the gills of a fish?
-	How can you control the spread of diarrhea at home?
	e diagram below shows parts of an egg. Use it to answer question 16.
	X—————————————————————————————————————
	Name part marked <b>X</b> on the diagram above.
	Identify <u>one</u> animal at home that produces eggs.
•	In which way can windy weather be helpful to people?
,	Why are some metallic tools painted?
,	What happens to water when it is heated?
,	Write any <b>one</b> use of food in the body.
	Why is it dangerous to cross the road carelessly?

### The diagram below shows a cabbage plant. Use it to answer question 22.



- 22. How is part labeled **B** useful to people?
- 23. Name the gas given off by plants during photosynthesis.
- 24. Write any **one** material used for constructing a permanent house.

### 25. Draw the shadow of the object below in the right position.



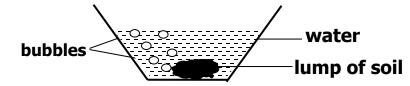
- 26. Name any **one** foodstuff we get from a lake.
- 27. By what process are nimbus clouds formed?
- 28. Why do people lock their houses at night?
- 29. What is wind?
- 30. Which part of a bean seed stores food?

- 31. Why is it bad to share a towel with other people?
- 32. Write **one** way you can save energy at home.
- 33. How can you help a person who is dehydrated?

### 34. Fill in the missing stage.



- 35. Give any **one** way you can care for insects like bees.
- 36. Identify any **one** health habit you can teach your young brother or sister to do.
- 37. How can you prevent worms from entering your body?
- 38. Give any **one** way people make use of rain water.
- 39. What advice can you give to a person who has lice in the hair?
- 40. What does the experiment below prove about soil?

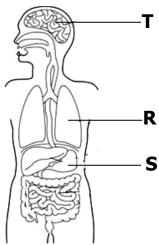


### **SECTION B**

### 41. Match items in list A with those in list B.

Α Forked hoe transplanting seedlings Knapsack sprayer improve on soil fertility Trowel spraying herbicides digging hard ground **Fertilizers** a) Forked hoe b) Knapsack sprayer c) Trowel d) Fertilizers a) Name any **two** materials used in cleaning our bodies. 42. (i) \_\_\_\_\_ b) Give **one** disease that we get due to poor personal hygiene. c) How can you promote personal hygiene? a) Give any **one** way we can make water safe for drinking? 43. b) Write any **two** ways in which water sources may get contaminated. (i) \_\_\_\_\_ c) Name any **one** natural source of water.

# 14. The diagram below shows part of the human body. Use it to answer question 44.



- a) Name the body organs marked **T** and **S**. **T S**b) Give any **one** use of organ marked **T**.

  c) How can you care for the organ marked **R** above?

  45. a) State any **two** reasons for giving first aid to accident victims.

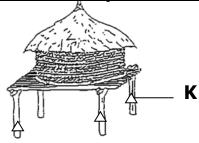
  (i)

  (ii)

  b) Write any **two** items that are found in a first aid box.

  (i)

  (ii)
- 46. The diagram below is of a food store found in village homes. Use it to answer the questions below



a) Name the food store shown above.

b)	How are structures marked <b>K</b> important on the food store above?
c)	Identify any <b>two</b> crops that can be stored in the food store above.
(i)	
	Give any <b>two</b> food values that make up a balanced diet.
(i)	
(ii)	
b)	Write any <b>two</b> diseases caused by poor feeding.
(i)	
(ii)	
<u>Th</u>	<u>e diagram below shows part of a plant. Use it to answer the</u>
a)	Name the part of the plant shown above.
b)	What is the importance of the part shown above to a plant?
c)	Name part marked <b>V</b> and <b>X</b> on the diagram above.
V	
X	
a)	Write <b>two</b> insects which are useful to people.
(i)	
(ii)	
b)	State any <b>one</b> danger of insects to people.

	c) Identify any <b>one</b> characteristic of insects.
50.	a) Name the part of a fish which it uses for:
	(i) smelling
	(ii) breathing
	(iii)feeding
	b) Give any <b>one</b> reason why people catch fish.
51.	The diagram below shows a tooth. Use it to answer the questions tha
<u>fc</u>	ollow.
a`	neck c Name the part marked <b>B</b> and <b>C</b> .
u) (i)	· _ · · · · · · · · · · · · · · · · · ·
	i) C
`	) Which part of a tooth is the hardest?
	How is the tooth in the diagram above useful to people?
_ 52.	Apart from extended family, name any other type of family in your area.
	b) Write any <b>two</b> groups of people found in an extended family.
	(i)
	(ii)
	a) Give the member of a family who breast feeds the baby at home.

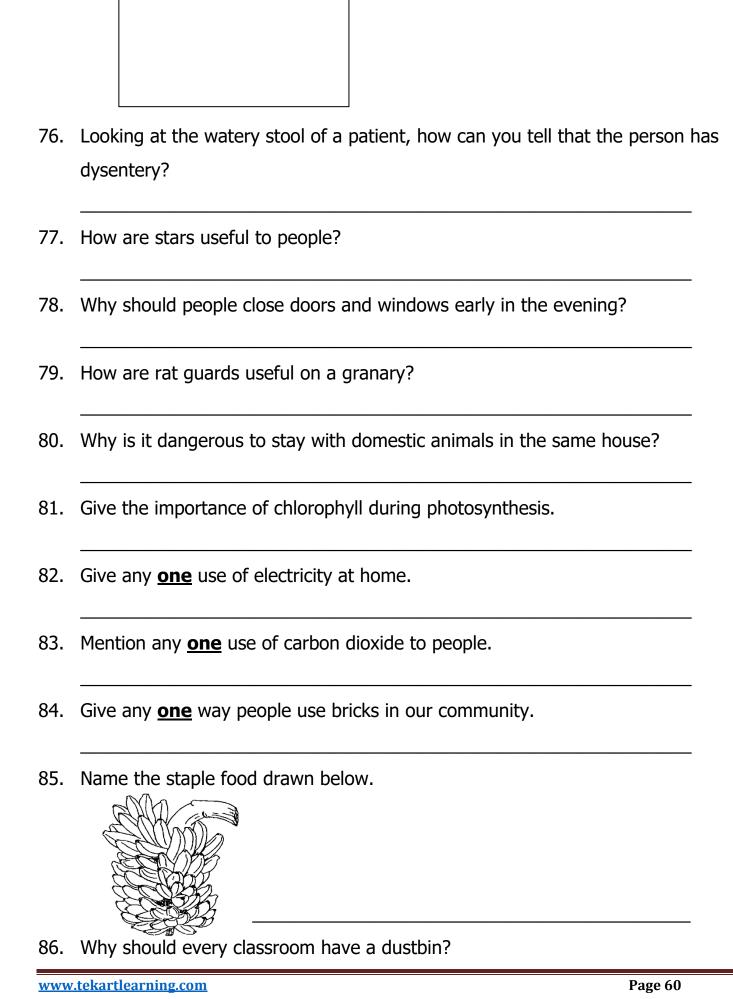
a) (	Give any <b>two</b> examples of pests that attack crops in the garden				
(i) _					
(ii) _					
b) I	How can you control pests in a crop garden?				
(i) _					
(ii) _					
<b>T</b> I					
	picture below shows a health facility in our area. Use it to wer the questions below.				
<u>a113</u>	HOSPITAL				
	<u>4</u> 00000				
h) I	b) Identify any true groups of popula that work in the above facility				
(i)	b) Identify any <b>two</b> groups of people that work in the above facility.				
(ii) _					
( ) -	c) Which group of people are carried to the facility above?				
υ, .	e, it g. sup of people and carried to the facility above.				
d) V	d) Write any <b>one</b> way you would take care of a person who is in the facility				
-	above.				
a)	a) Draw and name any two materials used in cleaning kitchen				
_	utensils.				

	PAPER 7
ame any <u>o</u>	ne component of soil.
hich part o	of the human body is used for feeling?
/hy is a be	an plant grouped under flowering plants?
low can yo	u control soil erosion in a school compound?
Vhy are gai	den tools kept in cool dry places after use?
The diagra	m below is of a human tooth. Study it and answer o
number 6.	
	pove tooth.
ame the al	
lame the al	

b) Write  $\underline{\mathbf{one}}$  danger of eating food from dirty plates.

65.	Why should we cover leftover food at home?
66.	Why should we keep our bodies clean?
67.	Give any <b>one</b> use of water at home.
68.	Why is the heart important in the human body?
	The diagram below is of a bird. Use it to answer question 14 and 15.
69.	Name part marked with letter <b>Y</b> .
70.	By use of an arrow and letter <b>X</b> , show the part which is used to pick food.
71.	Give any <b>one</b> way a P.2 child can cross a busy road safely.
72.	In the space below, draw one item used to manage sunny weather.
73.	Name any <b>one</b> disease that we can control by boiling water for drinking at home.
74.	State the first aid for a burn.
75.	In the space provided below, draw a diagram to show network leaf

venation.



87.	How do farmers preserve maize after harvesting?
88.	State any <b>one</b> way in which people may damage the environment.
89.	Give any <b>one</b> way we can care for our eyes.
90.	How is the structure below useful to a spider?
91.	State any <b>one</b> way of controlling the spread of germs at home.
92.	How are plants useful to animals?
93.	Draw the garden tool used to harvest cereals.
94.	What is soil erosion?
95.	Write down any <b>one</b> item that can be used in water harvesting at home.
	SECTION B
96.	(a) State any <b>two</b> ways of maintaining proper sanitation at home.
	(i)
	(ii)
	(b) Name any <b>two</b> diseases that can be spread through poor sanitation.

	(i)	<del></del>
97.	(ii) (a)	What do the following worms feed on in the human body?
	(i)	Hook worms
	(ii)	Tape worms
	(b)	Besides the above worms, mention <b>one</b> other worm which affects the human body.
	(c)	How can worms be prevented?
98.	(a)	What is a resource?
	(b)	State any <b>one</b> use of electricity at home.
	(c)	How can electricity be dangerous to people at home?
	(d)	State <b>one</b> way of saving electricity as an energy resource.
99.	(a)	How do we use the item below at home?
	(b)	Why do we brush our teeth after every meal?
	(c) (i)	Name any <b>two</b> diseases spread as a result of poor personal hygiene.
	(ii)	
100.	(a)	Give the importance of these parts to a plant.

	(i)	Leaves
	(ii)	Roots
	(b)	Write down any <u>two</u> uses of stems to people.
	(i)	
	(ii)	
101	. <u>The</u>	diagram below shows one of the properties of air. Use it to answer
	the (	questions that follow.
	Infla	nted balloon
	(a)	Which property of air is shown above?
	(b)	What is air?
	(c)	Which part of air helps burning to take place?
	(d)	What name is given to moving air?
102.	(a) (i)	State any <u>two</u> causes of accidents on our roads today.
	(ii)	
	(b)	Why are accident victims given first aid?
	(i)	
	(ii)	
103.	(a)	Write down any <u>one</u> cause of dehydration.

	(b)	Why are dehydrated people given plenty of drinking water?	
	(c)	Identify any <b>two</b> materials used in the making of oral rehydration solut (ORS) at home.	tion
	(i)		
	(ii)		
104.	(a)	Why are termites called social insects?	
	(b)	Name the habitat for termites.	
	(c)	How are termites dangerous to crop farmers?	
	(d)	Besides termites, name any other example of social insects.	
105	. <u>The</u>	diagram below is of a flower.	
	<b>M</b> -	T	
	(a)	Name parts marked <b>N</b> and <b>T</b> .	
		N	
		т	
	(b)	By use of an arrow and letter <b>P</b> , show the part that produces pollen gra	ains.
	(c)	What is the main work of a flower to a plant?	
106.	(a)	Name any <u>one</u> food we can get from these places;	
	(i)	Forests	
	(ii)	Swamps	

L <b>07</b>		tch the body organs in A to their functions in B correctly.	
	<b>A</b>	В	
	Kidn	•	
	Liver		
		nach produces bile.	
	Brair		
	•	(idney	
	b) Li		
	•	Stomach	
	d) B	Brain Apart from the extended family, name any <b>one</b> other type of f	
		Give any <b>one</b> role of the following people in a family	
	(b)	Give any <b>one</b> role of the following people in a family.	
	(b) (i)	Give any <b>one</b> role of the following people in a family.  Children	
	(b)	Give any <b>one</b> role of the following people in a family.	
.09.	(b) (i) (ii)	Give any <b>one</b> role of the following people in a family.  Children  Mother	
.09.	(b) (i) (ii) (a)	Give any <b>one</b> role of the following people in a family.  Children  Mother  Write any <b>one</b> advantage of an extended family.	
.09.	(b) (i) (ii) (a)	Give any one role of the following people in a family.  Children  Mother  Write any one advantage of an extended family.  What are vectors?	

### 110. Use the words provided in the box to complete the passage below.

sun , condensed , clouds , evaporation , water vapour

### The water cycle.

During rain formation, the	_ heats water bodies like ocear	ıs, lakes,
seas, rivers, swamps to cause	The	
rises up to the sky	and is	to form
nimbus clouds. The droplets of water from clouflows and collects in water bodies and the cycle	ds then fall down as rain. The	
PAPER	R 8	
Section A		
1) Name any <b>one</b> type of soil you know.		
2) How does regular bathing control the sprea	d of skin diseases?	_
3) Identify any <b>one</b> way strong wind can be do	angerous to a crop farmer.	_
4) Write any <b>one</b> common accident at school.		_
5) How are the ears important to a person ?		_
6) Give <b>one</b> way the part below is useful to a	plant.	_

7) Why is a balanced diet needed by every person?		
8) Identify any <b>one</b> way people take care of domestic animals at home.		
9) Give <b>one</b> way water sources can be contaminated.		
10)Draw and name any <b>one</b> item used to manage rainy weather.		
11) How can you keep proper personal hygiene.		
12) In the space provided below, draw a diagram to show air has weight.		
13) Mention any <b>one</b> way mulching is useful to farmers.		
14) Why do people eat food ?		
15) How is the larva stage of a butterfly dangerous to crop farmers ?		
16) Name any <b>one</b> disease spread by a housefly.		

17) Identify **one** use of the above garden tool to people. 18) How can the above tool be cared for? 19) How do farmers benefit from nimbus clouds? 20) With the help of a pencil, draw an arrow to show the part used for flying. 21) State any one reason why first aid is given to casualties. 22) Draw and name any play material made from banana fibres. 23) Identify any one activity a farmer carries out during the wet season. 24) How are proteins important to human bodies?

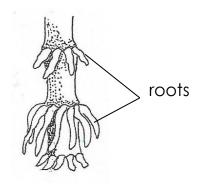
The diagram below is a garden tool. Use it to answer questions 17 and 18.

25) How are swamps useful to people ?
26) In which one way do people manage sunny weather?
27) Mention any <b>one</b> manmade change in the environment.
28) Give any <b>one</b> danger of the animal shown below to farmers.
29) How are living components of soil important?
30) Give any <b>one</b> responsibility of a child at home .
31) Give a reason why a cow is grouped under living things.
32) How is a housefly able to spread faecal disease ?
33) Write any <b>one</b> way you can care for the <b>AIDS</b> patients.
34) Give <b>one</b> way the sun can be used as a source of energy.
35) How are shadows formed ?

36) In one sentence, write the meaning of the word transplanting.

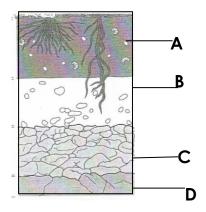
\_\_\_\_\_

- 37) Why is it a good practice to wash hands with clean water and soap after visiting a latrine.
- 38) Why are dehydrated people given ORS?
- 39) Name the component of air that supports burning.
- 40) Identify any one plant that has the roots shown below.



### **SECTION B. (60 marks)**

41) The diagram below shows the arrangement of soil layers. Use it to answer the questions that follow:-



a) Name the layers marked **B** and **D**.

i) B \_\_\_\_\_ ii) D\_\_\_\_

a) Name the parts labelled.

i) <b>Y</b>	ii) <b>X</b>	
b) How is part <b>W</b> u	useful to a fish ?	
c) Name the habi	itat of the above animal.	
45)Germination is	the growing of a seed into a seedling.	
a) Write any <b>two</b>	conditions needed for germination to take place.	
i)		
ii)		
b) Write any <b>one</b> e	example of a crop that undergoes the following types	
of germination :	-	
i) epigeal germind	ation.	
ii) hypogeal germina	ation.	
46a) Identify any <b>tw</b>	o items we can use to promote good sanitation at your so	chool.
i)		
ii)		
b) Write any <b>two</b> act	tivities a P.4 child can do to promote sanitation	
at a school.		
i)		
ii)		
47) Match the garde	en tools to their uses correctly.	
Garden tool	use	
A hoe	watering plants	
A rake	transplanting seedlings	
A trowel	pruning	

A watering can	collecting rubbish
A garden tool	weeding
Garden fool	use
<ul><li>a) A hoe</li><li>b) A rake</li><li>c) A watering can</li></ul>	
d) A trowel	
48) Why are bees grouped unde	r social insects ?
b) Apart from bees, give one oth	
c)How are bees useful to the follo	owing;
a) people:	
b) plants :	
49) Study the life cycle below an	d answer questions that follow:-
P	
a) Name stage P	
b) Name the vector shown in	the above lifecycle.
c) Write <b>one</b> disease spread b	y the above vector.
c) How can the disease mention	ned in number ( <b>c</b> ) above be prevented?

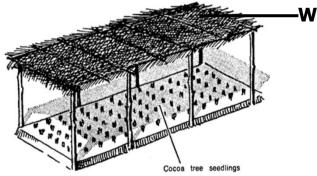
50) Give the food value got from eating the following food stuffs.
i) fish
i) pineapple
b) Write <b>one</b> use of food to the human body.
c) Identify <b>one</b> example of food that can be preserved by smoking.
51a) What name is given to moving air?
b) Given any <b>two</b> components of air.
ii)
c) Identify any <b>one</b> danger of air.
52a) A flower is a reproductive part of a plant. Draw the female part
of a flower.
b)What happens to the following parts after fertilization?
i) Ovary
ii) Ovules
c) Why are some petals brightly coloured?
53a) In <b>one</b> sentence , give the meaning of the term accident.

b) Give any <b>two</b> causes of accidents on Ugandan roads.
i)
ii)
c) Mention <b>one</b> way in which the above causes can be prevented .
54a) Write any <b>two</b> causes of soil erosion.
i)
ii)
b) How can erosion be controlled in a garden?
i)
ii)
55) The steps below shows a wrong order of making O.R.S. Rearrange
them correctly.
1) Stir the mixture until it the solutes dissolve.
2) Measure 1 litre of drinking water into a clean container.
3) wash your hands with clean water and soap.
4) Measure eight levelled tea spoonfuls of sugar and one of salt into
the container.

# PAPER 9

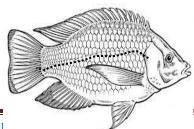
## **SECTION A:**

Ho	w is photosynthesis in plants useful to animals?
Giv	ve any <u>one</u> way you can improve soil fertility in the school garden
Wr	ite the importance of washing mango fruits before eating them.
lde	entify any <b>one</b> danger caused by strong wind.
Wł	nich mosquito spreads malaria germs?
Wł	ny should a rain gauge be placed in an open place?
Giv	ve any <u>one</u> way you can care for your tongue.
Th	e diagram below shows a nursery bed. Use it to answer ques



- 9. How is part marked **W** important on a nursery bed?
- 10. In which way can electricity be dangerous to people?
- 11. Write **one** activity you can carry out to reduce houseflies at home.

The diagram below shows a fish. Use it to answer question 20.



20. Use letter **P** to show the part used to detect sound waves in water. 21. Why is it important for us to bathe daily? 22. What is the danger of having bushes near our homes? Give **one** reason why bees visit flowers. 23. The diagram below shows a common plant. Use it to answer questions 24 and 25. 24. Name part marked **X** on the plant above. Identify the common product that can be got from the plant above. 25. How can people protect themselves from worm infestation? 26. Why do some Ugandans keep ducks at their homes? 27. Give **one** human activity that destroys habitats of wild animals. 28. 29. What is the danger of throwing stones at a bee hive?

Which food value prevents	kwashiorkor in children?
Give <u>one</u> way of preserving	g food for a long time.
n which way is the water c	cycle important in our environment?
Write <u>one</u> crop growing pra	actice which adds humus to the soil.
Name the non-curable dise	ease which can be spread through sharing bod
Which element of weather	provides heat to people?
( )	s an insect. Use it to answer questions 36 a
Which st	shown above?
Which st	
Which st	shown above?  thave if parts marked <b>M</b> are blocked?
Which st Manual will the insect How are wild animals danger	shown above?  thave if parts marked <b>M</b> are blocked?

## **SECTION B**

41.	(a)	Identify any <b>two</b> materials that can be used to build a permanent house.					
	(i) (ii)						
	(b)	Why do people build houses?					
	(c)	Give any <u>one</u> way of caring for a house.					
42.	(a)	Give the use of these tools during first aid.					
	(i)	spirit					
	(ii)						
	(b)	How is first aid useful to casualty?					
	(c)	Give <u>one</u> quality of a good first aider.					
43.	(a)	What is harvesting?					
	(b)	Why is the dry season the best for harvesting seed crops?					
	(c)	How can a farmer prevent rats from destroying his crops in the granary?					
	(d)	Draw and name any one garden tool used for harvesting crops.					

44.	(a)	Give any one different way soil may be useful to termites and people.
	(i)	Termites
	(ii)	People
	(b)	Name <u>one</u> organism that helps in soil formation by decomposition.
	(c)	Which component of soil is needed by plants during photosynthesis?
45.	(a)	Why should people observe proper personal hygiene?
	(b)	Give the use of these materials in promoting personal hygiene.
	(i)	soap
	(ii)	towel
	(c)	Identify any one disease that people can get due to poor personal hygiene.
46.	(a)	Write any one way non- flowering plants reproduce.
	(b)	Give one example of non-flowering plants.
	(c)	How are non-flowering plants useful to people?
	(i)	
	(ii)	
47.	<u>The</u>	diagrams below show things we make at home.
		A B

	(a)	Give the use of each of the items above.							
		A							
		B							
	(b)	Write <b>one</b> material used to make item ( <b>B</b> ) above.							
	(c)	How can a P.4 pupil benefit from making the items above?							
48.	(a)	Write <u>two</u> activities that can lead to contamination of water sources.							
	(i)								
	(ii)								
	(b)	Why is it dangerous to drink contaminated water?							
	(c)	How can water be made safe for drinking?							
	Stud	Study the diagram below and use it to answer question 49.							
		itre of hking water + 8 tea spoonfuls of sugar + 1 tea spoonful of salt = solution =							
49.	(a)	Name the solution made above.							
	(b)	How is the solution above useful to people?							
	(c)	Give the reason why the following are necessary in the above solution							
	(i)	salt							
	(ii)	sugar							
50.	(a)	Give any two ways in which insects spread germs to people.							
	(i)								
	(ii)								
	(b)	Apart from insects, give any other disease vector.							

	(c)	How are vectors different from pests?						
51.	(a)	Write any <u>one</u> use of food in the body.						
	(b)	Why do children need a lot of proteins in their diet?						
	(c)	Which class of food is most needed by brick makers?						
	(d)	Give <u>one</u> sign of poor feeding among children.						
52.	The (	diagram below shows weather instruments.						
		A B B						
	(a)	Name the instruments shown above.  A						
		B						
	(b)	Which element of weather enables the instruments above to work?						
	(c)	How are the above instruments similar?						
53.	(a)	Which system of a flowering plant develops from the radicle?						
	(b) (i)	State the function of these parts to a germinating bean seed.  micropyle						
53.	(a) (b)	Which system of a flowering plant develops from the radicle?  State the function of these parts to a germinating bean seed.						

(ii)	cotyledon	
` '	•	

(c) Identify any **one** factor that can fail a seed to germinate.

54. Match the body organs to their correct functions.

## **Body organ** Function

- (i) Heart regulating blood sugars
- (ii) Kidney storing information
- (iii) Brain pumping blood
- (iv) Liver filtering blood
- (i) Heart \_\_\_\_\_
- (ii) Kidney \_\_\_\_\_
- (iii) Brain \_\_\_\_\_
- (iv) Liver \_\_\_\_\_
- 55. (a) How are shadows formed?
  - (b) At which time of the day is the shadow shortest?
  - (c) Give <u>one</u> use of shadows to children.
  - (d) Draw the shadow for the object below.





## PAPER 10

#### **SECTION A:**

111.	Which	element of	weather	do	people	use 1	for \	winno	wing	?

112. State any **one** way of keeping water sources clean.

113. How are feathers useful to a bird?

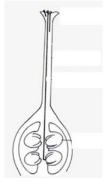
114. Identify the deficiency disease caused due to lack of vitamin C in the diet.

115. Name **one** crop that can be harvested using the garden tool below.



116. How can a P.4 child protect him/herself from getting HIV/AIDS?

### 117. The diagram below shows part of a flower.



Use an arrow and letter **N** to show the part that receives pollen grains.

118. Give any **one** way of keeping your beddings clean.

119. —	Why are farmers advised to leave enough space between rows when planting
 120.	State any <b>one</b> danger of wild birds to people.
121.	How is poor personal hygiene dangerous to people?
122.	Identify any <b>one</b> human activity that can change the environment.
123.	Draw a diagram of a simple leaf and show the midrib.
124.	How do you care for your eyes?
<u>TI</u>	ne diagram below shows a child suffering from a common disease.
125.	How can the disease in the child above be prevented among children?
126.	Which gas is needed by plants during photosynthesis?

127.	What first aid can be given to a person with a burn?
128.	Name <b>one</b> harmful insect in the environment.
129.	Give any one way of controlling pests in a maize garden.
130.	Write any <b>one</b> use of food in the body.
131.	Which part of a seed grows into the root system?
132.	Give <b>one</b> way of managing rainy weather.
133.	How are claws useful to a cat?
134.	Why do people close windows and doors early in the evening?
135.	State <b>one</b> sign of food poisoning in people.
136.	How are earthquakes dangerous to people?
137.	Give <b>one</b> use of very heavy clothes to people who wear them.
138.	Identify any <b>one</b> way of preserving groundnuts after harvesting?
139.	How can a P.4 pupil avoid having a bad breath?
140.	Write <b>one</b> type of germination.

141. Why are pain killers important to a casualty? 142. Give **one** way of controlling soil erosion in a compound. The diagram below show a tapeworm. Use to answer question 33. 143. How are the structures marked **P** useful to a tapeworm? 144. How is a nest useful to a bird? 145. Apart from drinking water, name **one** other item used in the preparation of ORS locally. 146. What is the danger of cutting down trees on a large scale in an area? 147. Name any **one** insect without wings. 148. Write down any one product of a cow that gives us proteins. 149. How are tree shades useful to people? 150. Why is a tsetse fly grouped under vectors? **SECTION B** 151. a) Give the difference between wind and air.

	b) Write any <b>one</b> importance of wind to a crop farmer.				
	c) How are the following gases useful to people?				
	(i) Oxygen				
	(ii) Carbon dioxide				
<b>152</b> .	The diagram below shows vertical arrangement of soil layers.				
	Use it to answer the questions that follow.				
	ВС				
	a) What name is given to the above vertical arrangement of soil layers?				
	b) Name any <b>one</b> organism found in layer <b>B</b> .				
	c) Identify layer marked <b>C</b> .				
	d) Where can we observe the above arrangement in the environment?				
153.	<ul><li>a) Write any <u>two</u> diarrhoeal diseases spread by houseflies.</li><li>(i)</li></ul>				
	(ii)				
	b) How can the above diseases be controlled in a community?				
	c) How are diarrhoeal diseases dangerous to people?				
154.	a) What is sanitation?				

	b) Give <b>one</b> importance of maintaining proper sanitation in an area.				
	c) Write <b>two</b> activities you can do to keep your classroom clean.  (i)				
4==	(ii)				
155.	d) Name the food store shown above.  e) Identify any <b>one</b> example of a crop kept in such a store.				
	f) Write the importance of part marked <b>L</b> and <b>M</b> on the store above.				
	L				
	M				
156.	a) State the function of each of the following types of teeth.  (i) Canines				
	(ii) Incisors				
	b) Give <b>two</b> ways of keeping our teeth healthy.				
	(i)				
	(ii)				
157.	a) In which way is heavy rainfall dangerous to people?				
	h) Give <b>two</b> processes involved in rainfall formation				

	(ı) _			<del></del>		
	(ii) _					
	c) H	low is the sun importa	nt in the process of rain formation?			
158.	The diagram below shows a life cycle of an insect. Use it to answer th					
	que	stions that follow.				
		B	A			
	a) V	What do we call the sta	ge marked <b>C</b> on the diagram above.			
	b) N	lame the type of life cy	cle shown above.			
		dontify <b>two</b> insacts the	et underge the life cycle above			
	(i) _	dentity <b>two</b> insects the	at undergo the life cycle above.			
159.		plete the table belo				
		BODY ORGAN	FUNCTION			
		Heart				
			To filter blood.			
		Brain				

To taste food.

160.	a) What is a nuclear family?
	b) Apart from parents and their own children, name <b>one</b> other person found in an extended family.
	c) Give <u>two</u> roles of parents in a family.  (i)
	(i)
161.	a) Write any <b>one</b> dangerous object found on roads.
	b) Name any <b>two</b> groups of people who help in traffic.
	(i)
	(ii)
162.	The diagram below shows part of the human body.
	K N
	a) Identify the parts marked <b>N</b> and <b>K</b> .
	N
	K
	b) Name the part of the human body shown above.

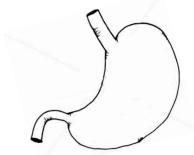
	c) How can you care for the above part of the body?						
.63.	a) Write <u>two</u> ways of keeping soil fertile.						
	(i)						
	(ii)						
	b) Identify any <b>two</b> activities that						
	(i)						
	(ii)						
.64.	a) Why do animals move from one	a) Why do animals move from one place to another?					
	b) Give <b>two</b> ways animals care fo	r their young ones.					
	(i)						
	(ii)						
d) In which way are wild animals dangerous to crop farmers?							
L <b>65</b> .	Match the types of mosquitoes	s to the diseases they spread.					
	a) Female anopheles mosquito	Elephantiasis					
	b) Tiger mosquito	Malaria					
	c) Culex mosquito	Yellow fever					
	a) Female anopheles mosquito						
	b) Tiger mosquito						
	c) Culex mosquito						

# PAPER 11

# **SECTION A:**

Ν	Name <u>one</u> cereal crop.
V	Why do farmers mulch their gardens?
N	Name <b>one</b> food stuff which can be preserved by smoking.
V	Why is it important to iron clothes after washing?
٧	What is the importance of a rain gauge at a weather station?
F	How is ORS useful to a dehydrated person?
V	Why are wasps grouped under social insects?
N	Name one raw material plants need to make their own food.
V	Why should P.4 children wear shoes in school?
F	How are children protected from measles?
V	Why do children make materials like mats and baskets?
V	Write <b>one</b> cause of accidents on the road.
_	

13. Give **one** function of the organ below.



- 14. Write **one** product made from animal hides.
- 15. How does the sun contribute to the formation of rainfall?
- 16. Why do bees visit flowers?
- 17. Draw a canine tooth in the space provided.
- 18. Why are monkeys grouped under pests?
- 19. State any **one** danger of wind.
- 20. How is yellow fever spread among people?
- 21. Which component of air supports burning?
- 22. Why do some people harvest rain water?
- 23. How is chlorophyll important to plants?
- 24. Give one item used to promote oral health.

25.	How are gills useful to a fish?				
26.	State <b>one</b> way farmers in hilly areas control soil erosion.				
27.	Why are people advised to bathe regularly?				
28.	Give <b>one</b> danger of poor feeding to people.				
29.	How dangerous is it to live with domestic animals in the same room?				
30.	Why can't mushrooms make their own food?				
31.	Why is breast milk the best food for babies?				
32.	How is the animal below useful to people at home?				
33.	Why would a cockroach die it its abdomen is kept in water for some time?				
34.	Which type of soil holds water for the longest time?				
35.	Write <b>one</b> natural habitat of wild animals.				
36.	Why do chameleons change colours?				
37.	Which set of teeth is found in the mouth of a four year old boy?				

	w any one item used to give first aid to a casualty.
/hy	should people eat food containing all food values every day?
— m	e the part of a plant that sucks water from the ground.
	SECTION B
1)	Name any <b>two</b> examples of insects which cannot be eaten.
)	
ii)	
b)	Write any <u>two</u> insects without wings.
i)	
ii)	
a)	Briefly explain the term soil erosion.
0)	Write down <u>two</u> agents of soil erosion.
) )	write down <u>two</u> agents of soil erosion.
i) -\	How is sail arosion dangerous to sail?
c)	How is soil erosion dangerous to soil?
a)	Why do people drain swamps in the environment?

	(b)	Write down <b>one</b> effect of the following human activities in the					
		environment.					
	(i)	swamp drainage					
	(ii)	over grazing					
	(c)	Give <b>one</b> way of controlling floods in the environment.					
44.	Belo	w is a maize grain, use it to answer questions that follow.					
		M N					
	(a)	Name the parts marked <b>M</b> and <b>N</b> .					
	M	•					
	N						
	(b)	How is part marked <b>O</b> useful to a maize grain?					
	(c)	Why is the maize grain above classified under fruits?					
45.	(a)	Give any one way HIV/AIDS is spread among people.					
	(b)	How can a pupil protect him/ herself from HIV/AIDS?					
	(c)	Give one danger of HIV to people.					
	(d)	Write <b>one</b> way of caring for HIV/AIDS patients.					
46.	(a) (i)	Name any <u>two</u> artificial sources of light.					
	(I)						

	(b)	example of an item which uses electricity to work.		
	(c)	Give <u>one</u>	importance of saving energy at home.	
47.	Belo	ow is a life	e cycle of a vector. Use it to answer questions that follows a second of the cycle of a vector. Use it to answer questions that follows a second of the cycle of a vector. Use it to answer questions that follows a second of the cycle of a vector. Use it to answer questions that follows a second of the cycle of a vector. Use it to answer questions that follows a second of the cycle	<u>low.</u>
	(a) <b>A C</b> (b)		stages <b>A</b> and <b>C</b> in the above life cycle.  e disease spread by the above insect.	
	(c)	How can v	we control the spread of the disease you have named in (a)	above.
48.	Mate	ch the foll	owing animals in A to their habitats in B.	
		A	В	
	(a)	dog	- hutch	
	(b)	man	- water body	
	(c)	fish	- house	
	(d)	rabbit	- kennel	
	(a)	Dog		
	(b)	Man		
	(c)	Fish		
www	<u>rw.tekartlearning.com</u> Page 99			

(ii)

	(d)	Rabbit
49.	(a)	Write any <b>one</b> root system in plants.
	(b)	Give <u>two</u> uses of roots to a plant.
	(i)	
	(ii)	
	(c)	Which part of a bean seed develops into a root system?
50.	(a)	Give <b>one</b> reason why farmers mulch their gardens.
	(b)	Name any <u>two</u> materials used for mulching.
	(i)	
	(ii)	
	(c)	Give <b>one</b> way in which mulching may be dangerous in the garden.
51.	1. Below is an experiment carried out by a P.3 class.  ——————————————————————————————————	
	(a)	What does the above experiment show about soil?
	(b)	Apart from air, write <b>two</b> other components of soil.
	(i)	
	(ii)	
	(ii) (c)	How is air useful in soil?

52.	(a)	Name the element of weather which	in is got from minibus clouds.		
	(b)	How is the element named in (a) a	bove useful to a crop farmer?		
	(c)	Give <b>one</b> danger caused by too mu	uch sunshine in our environment.		
	(d) How can the danger given above be managed?		e managed?		
53.	(a)	Draw the garden tool used for the following activities in the garden.			
		Harvesting root crops	Watering crops		
(b) Give <b>one</b> way a slasher can be dangerous to the persor		ngerous to the person using it.			
	(c)	How can <b>one</b> take care of a slashe	r?		
54. (a) Define the term "personal hygiene".					
	(b)	Name any <b>two</b> activities which are clean.	used to keep our hair neat and		
	(i)				
	(ii)		• • •		
(c) Give <u>one</u> importance of maintaining proper pe		Give <b>one</b> importance of maintainin	g proper personal hygiene.		

55.	(a)	Name the vector involved in the 4Fs cycle.				
	(b)	Identify <u>two</u> diseases spread through 4Fs.  Give <u>one</u> way of controlling the spread of diseases by the insect Vectors in (a) above.				
	(i) (ii)					
	(c)					
		PAPER 12				
	CTIO					
1.	Name	any <u>one</u> material that can be used to build a house.				
2. How is a pit latrine useful in a home?						
<b>3.</b>	3. Draw the human body part used for seeing.					
<b>4</b> .	How do most flowering plants reproduce?					
5. 3	State a	tate any <u>one</u> way clouds are useful to people in the environment.				
6. 3	Suggest <u>one</u> way you would prevent garden tools from rusting.					
<b>7.</b>	How c	an people control soil erosion in a school compound?				

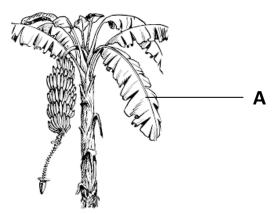
_	
'. <b>D</b> ı	raw a diagram to show epigeal germination.
0.	How can an individual manage sunny weather?
1.	Why should pedestrians cross a busy road at a zebra crossing?
2.	Suggest any <u>one</u> way people can care for domestic animals.
3.	How is too much sunshine dangerous to a crop farmer?
4.	In which <u>one</u> way can you control the spread of malaria at home?
5.	State any <u>one</u> way school children use water.
6.	Give <u>one</u> importance of food to the body.
7.	Why do you clean your body using soap?
he (	diagram below shows an insect. Use it to answer the question 18.

8. Name any <u>one</u> object that can cause wounds.

Name the insect above. 18. Write any <u>one</u> use of plants to animals. 19. 20. Why should people wash fruits before eating them? The diagram below shows a soil profile. Use it to answer question 21. 21. Use an arrow to label the sub soil. Why is it important to keep water sources such as wells clean? 22. Identify any one way a farmer can control pests in a maize garden. 23. How can you use banana fibres at home? 24. **25**. Name the crop growing practice where unwanted plants are removed from the garden. State the type of soil used for making pots. **26**. How can a P.4 child keep his/her finger nails clean? **27**.

28.	Give any <u>one</u> use of trees found in the school compound.		
29.	Identify the component of soil that plants use during photosynthesis.		
30.	How do crop farmers use rabbit droppings?		
31.	State any <u>one</u> danger of electricity at home.		
32.	How can you prevent meat from going bad?		
33.	Name the method you can use to control cockroaches at home.		
34.	Why is too much sunshine dangerous to crop farmers?		
35.	Draw and name <u>one</u> animal that lives in water.		
36.	Give any <u>one</u> source of food.		
37.	State any <u>one</u> use of stones to people in our community.		
38.	How do parents protect their children from polio?		
39.	Identify any <u>one</u> farming activity commonly done during a wet season.		

#### The diagram below shows a banana plant.



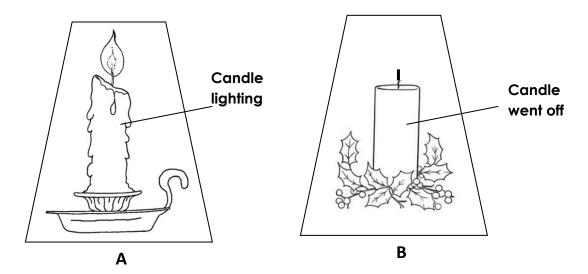
## 40. Of what use is part marked A to people?

#### **SECTION B**

- 41. (a) Name any <u>two</u> conditions necessary for rusting to take place.
  - (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
  - (b) How can people prevent their tools from rusting?
  - (c) Write down <u>one</u> danger of rusting.
- 42. (a) What is pollination?

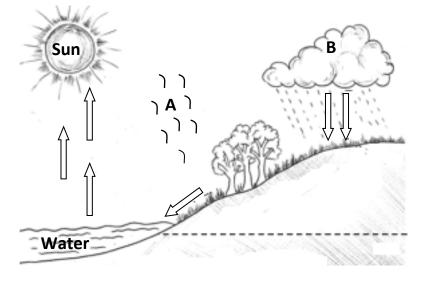
  - (b) State the <u>two</u> types of pollination.
    - (i) \_\_\_\_\_
    - (ii) \_\_\_\_\_
  - (c) Name the bright coloured structures that attract pollinators in flowers.

43. The experiment below was carried out by P.3 pupils. Use it to answer the questions that follow.



- (a) What is the experiment about?
- (b) Why did the candle go off in B?
- (c) Which gas is produced as the candle burns in A?
- (d) Give any one use of fire to people.

44. Using the diagram below answer the questions that follow.



(a) Name the processes marked A and B on the diagram.

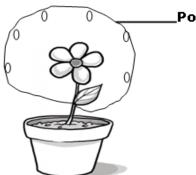
		AB
	(b)	What is the importance of the sun in the process above?
	(c)	What scientific name is given to all the processes given above?
<b>45</b> .	(a)	Name any <u>two</u> classes of food.
		(i)
		(ii)
	(b)	Give any two dangers of poor feeding to a child.
		(i)
		(ii)
46.	(a)	Which local materials are used to make these items?
		(i) ropes
		(ii) mats
	(b)	Identify the tools used for the following activities;
		(i) sweeping
		(ii) slashing
<b>47</b> .	(a)	Write any <u>two</u> examples of useful insects.
		(i)
		(ii)
	(b)	Give any <u>one</u> example of harmful insect.
	(c)	How can people care for useful insects?
48.	(a)	What are perennial crops?
	(b)	Mention any two examples of perennial crops.
		(i)

		(II)
	(c)	Why would you classify simsim as an annual crop?
49.	(a)	Draw and name <u>two</u> items found in a first aid box.
	(b)	Why should accident victims be given first aid?
	(c)	How can people control and prevent accidents at home?
50.	(a)	State any two examples of domestic birds.  (i)
		(ii)
	(b)	Write any two things people get from domestic birds.  (i)
<i>E</i> 1	(a)	(ii)
<b>5</b> 1.	(a)	Draw the garden tools used in carrying out the activities below.  (i) weeding (ii) cutting trees

	(b)	State any <u>two</u> ways of caring for garden tools.
		(i)
<b>52</b> .	(a)	
		(i)
	(b)	Give any <u>one</u> importance of shadows to people.
	(c)	State <u>one</u> danger of the sun.
53.	(a)	Give <u>one</u> importance of a sick bay at school.
	(a)	Name any <u>one</u> group of people who work in a sick bay.
	(b)	Identify any <u>one</u> material found in a sick bay.
	(c)	Name any <u>one</u> place in your community which has a similar function as a sick bay.
54.	(a)	What is personal hygiene?
	(b)	State any <u>one</u> danger of poor personal hygiene.
	(c)	What can you do to promote personal hygiene?
		(i)

5.	Match the vectors with the disease	<u>e they spread.</u>	
	<u>Vectors</u>	<u>Diseases</u>	
	Female anopheles mosquito Tsestse fly	diarrhoea. river blindness	
	Black fly	malaria.	
	Housefly	sleeping sickness.	
	Female anopheles mosquito		
	Tsestse fly		
	Black fly		
	Housefly		
	PAP	ER 13	
		A: 40 MARKS	
	Give any <b>one</b> example of a dicot	yledonous seed.	
	Name any <b>one</b> domestic animal t	hat gives us milk.	
	Give any <b>one</b> component of soil.		
	State any <b>one</b> importance of shad	dows to people.	
	Name any <b>one</b> material used to r	nake a kite used for playing.	
	Why do we iron clothes?		
	Name any <b>one</b> place where harve	ested crops can be stored.	
	In the space below draw an item	used to keep our bodies clean	

vvriy is a m	iize grain called a fruit?			
What is wir	ή?			-
Name the	lant fibre used for making	balls.		
Apart from	cirrus, name any other typ	e of clouds.		
bo diagram	bolow shows a rook syste			lione 1
_	below shows a root syste	em, use it to	answer ques	tions i
14.	<b>∤</b> :L			
14.	P			
	poot system drawn above.			
Name the	oot system drawn above.	he above typ	e of root syste	em.
Name the Name any (			e of root syste	em.
Name the Name any ( What do w	<b>ne</b> example of a plant with <sup>.</sup>	e garden?		em.



<u></u>	Name any <b>one</b> common accident at home.
<u> </u>	Name the sanitation material we use for putting on plates to di
٨	Mention any <b>one</b> natural change in the environment.
-	Give any <b>one</b> way of caring for our teeth.
<u></u>	Mention any <b>one</b> type of soil.
	Name the type of leaf shown in the diagram
⊦	How is a dog important at home?
\ V	Vhy are beans called annual crops?
_	Give any <b>one</b> use of leaves to plants.

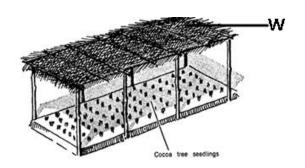
30. Name the structure drawn in the diagram below.

Name any **one** activity done to clean our bodies.

What are pests?

28.

29.



Who	at type of germination do beans undergo?
Mer	ntion any <b>one</b> method used in growing plants.
State	e any <b>one</b> danger of wind.
Who	at name is given to a male part of a flower?
Why	are people encouraged to boil water for drinking?
State	e any <b>one</b> importance of a dust bin in your classroom.
Nan	ne any <b>one</b> insect that protects itself by stinging.
Nan	ne any <b>one</b> type of leaf venation.
 Nan	ne any <b>one</b> place where houseflies lay their eggs.
Give	e any <b>one</b> use of plants to people.
	SECTION B: 60 MARKS
(a)	Questions 41 to 55 carry four marks each What is seed germination?
(b)	Give <b>two</b> conditions needed for seeds to germinate.
(i) (ii)	
(c)	Mention any <b>one</b> type of germination.
 (a)	What is personal hygiene?

(b) (i)	Give any <b>two</b> ways of promoting personal hygiene.
(ii)	
(c)	State any <b>one</b> danger of not promoting personal hygiene.
The	diagram below shows a flowering plant. Use it to answer question 4
	A C Y
` '	Name parts marked <b>A</b> and <b>C</b>
(ii) <b>A</b>	
` ,	Name the systems of a plant marked <b>X</b> and <b>Y</b> .
(ii) <b>Y</b>	
(a) (i) _	Give <b>two</b> examples of pests which attack crops in the garden.
(ii) _	
(b) N	Mention any <b>one</b> way of controlling pests in the garden.
(c) N	Mention any <b>one</b> disease of crops.
a) (i) _	Name any <b>two</b> crops grown in a nursery bed.
(ii) _	Civo any ana way of carina for crops in a pursory had
(b)	Give any <b>one</b> way of caring for crops in a nursery bed.
(c)	Why is transplanting of seedlings done in the evening?
(a) <i>l</i> (i)	Mention any <b>two</b> crop growing practices.

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	(b) Give any <b>two</b> examples of leafy vegetables.	
	(i)	_
	(ii)	
	The diagram below shows a flower. Use it to answer question 47.  W X Y Z	
47.	(i) <b>W</b>	
	<ul><li>(ii) Y</li></ul>	
	(c) State any <b>one</b> importance of flowers to people.	_
48.	(a) What is pollination?	_
	(b) Give any <b>two</b> types of pollination.  (i)	
	(c) Which insect pollinates flowers at night?	
49.	(a) What are perennial crops?	
	(b) Give any <b>two</b> examples of perennial crops.  (i)	
	(c) Name any <b>one</b> method used to harvest perennial crops.	
50.	(a) What name is given to the food made by plants during pho	tosynthesis

(c) Mention any <b>one</b> (	condition needed by plants to make their own
The table below shows wrong order.	types of weather in <b>A</b> and activities done in
A	В
Rainy weather	Winnowing seeds
Windy weather	Drying harvested crops
Sunny weather	Harvesting water
gumboots?	ove weather can be managed by puttin
gumboots?  (a) Give any <b>two</b> type  (i)	es of stems
gumboots?  (a) Give any <b>two</b> type  (i)	es of stems
gumboots?  (a) Give any <b>two</b> type  (i)	uses of stems to people.
gumboots?  (a) Give any <b>two</b> type (i)	uses of stems to people.
gumboots?  (a) Give any <b>two</b> type (i) (ii)  (b) Mention any <b>two</b> (i) (ii)  a) Mention any <b>two</b> sou (i)	uses of stems to people.

(i) <sub>-</sub>	Mention any <b>two</b> gases touna in air.
(ii) (C)	State any <b>one</b> property of air.
(0)	Traile dity one property of air.
a) N	Name the garden tools below.
(b) (i) <sub>.</sub> (ii) <u>.</u>	
	PAPER 14 SECTION A
Nana	
	ne <u>one</u> body organ used for hearing.
Give	the suitable time for transplanting seedlings.
Wha	t is personal hygiene?
Write	e down <u>one</u> disease of the teeth.
Why	is it good to plant trees in the compound?
How	can a P.4 pupil protect his food from contamination?
 Nam	ne the type of leaf shown below



8.	State <b>one</b> item used to promote sanitation.
9.	Write down the cause of night blindness in people.
10.	Which vector spreads cholera?
11.	What is an accident?
12.	Name the type of germination the maize grain undergo.
13.	State any <b>one</b> type of blood.
14.	Give any <b>one</b> example of diarrhoeal diseases?
15.	Write down <b>one</b> raw material for photosynthesis.
16.	List down <b>one</b> use of food in the body.
17.	Which mineral salt is needed in the body to prevent anaemia?
18.	Name the type of tooth shown below.
	D
19.	What is sanitation?
20.	Why do plants with weak stems climb others?
21.	How do we call the green colouring matter in the leaf?
22.	Write S.S.S in full.
23.	Give <u>one</u> common accident at school.
24.	Name any <u>one</u> animal protein.
25.	State any <b>one</b> way a P.4 pupil can promote oral health.

26.	What is a germ?	
27.	Give any one way we keep our bodies clean.	
28.	Name the part marked Y on the root below;	
29.	State the importance of roots to the plants.	
30.	Why does blood go to the lungs?	
31.	Give one sign of goitre.	
32.	Write <b>one</b> danger of poor sanitation in the environment.	
33.	How are carrots propagated?	
34.	Write one example of a non-communicable disease.	
35.	Which body organ protects the brain?	
36.	How do tape worms enter our bodies?	
37.	Name <b>one</b> disease that can be got due to poor personal hygiene.	
38.	How do we call a female part of the flower?	
39.	The nose is to people while	is to leaves.
40.	Name <b>one</b> place where germs are got.	
41. (	SECTION B (60 Marks)  a) What is pollination?	
b)	State any <u>one</u> type of pollination.  (i)	
c)	Name the insect that pollinates flowers at night.	

d)	What	helps the insect named above to reach	the flowers at night?		
42. a)	) Why do we wash our hands with soap after visiting the latrine?				
b)	Give	one reason why finger nails should be	kept short.		
c)	List down <b>two</b> items used to promote personal hygiene.  (i)				
43 (a)	(ii)	do people eat food? <i>(Give four reas</i>	•		
	(ii) (iii) (iv)				
<b>44.</b> (a)	) Wha	t is germination?			
b)	How i	is rusting similar to germination?			
c)	Give the function of water during germination.				
d)	Write down <b>one</b> factor that can lead to seed dormancy.				
45.	. Match the classes of food and the diseases below;				
		<u>Food</u>	<u>disease</u>		
	(i)	Proteins	Night blindness		
	(ii)	Vitamin B <sub>1</sub>	Rickets		
	(iii)	Vitamin D	Kwashiorkor		
	(iv)	Vitamin A	Beriberi		
	(i)	Proteins :			

	(ii) Vitamin B <sub>1</sub> :
	(iii) Vitamin D :
	(iv) Vitamin A :
46.	Write 4Fs in full.
	(i)
	(ii)
	(iii)
	(iv)
47. (a	) What is dehydration?
b)	Give <u>one</u> sign of a dehydrated person.  (i)
c)	(i) Why is ORS given to a person with severe burns?
d)	How is sugar in ORS solution important to a dehydrated person?
48. (a	) Name the body part that protects the lungs.
b)	Give <b>two</b> functions of the brain.  (i)
<b>6</b> )	(ii) Write the vector that spreads trachoma to people.
c)	
49(a)	How is a dust bin important in a classroom?
b)	Give any <b>two</b> activities done to promote sanitation.  (i)
	(ii)
c)	List down <u>one</u> quality of a hygienic home.
50(a)	Write the 3Ds in full. (i)
	(ii)
	(iii)

b)	Give any <b>one</b> way we can prevent typhoid in our homes.				
51. a)	Apart from brushing the teeth, give any two ways we can care for our teeth.  (i)				
	(ii)				
b)	How are canine teeth important to dogs?				
c)	Name <u>one</u> set of the teeth.				
52(a)	What is weather.				
b)	How is sunny weather important to a farmer?				
c)	Write down <u>two</u> elements of weather.  (i)				
53.	The diagram below is of a flower. Use it to answer the following questions.				
	(a) Using letter A, show the part of a flower that develops into a fruit.				
	(b) Name part marked C.				
c)	Give <u>two</u> functions of a flower to man.  (i)				
54(a)	(ii) What is transpiration?				
b)	Give <b>two</b> factors that can affect the rate of transpiration.  (i)				

	(ii)
c)	How is transpiration important to a plant?
55. (a)	Name the type of air that supports burning.
b)	How is wind important in the environment?
c)	List down any <u>two</u> projects you know.  (i)
	(ii)