# THE SIPRO PRE-PLE SET II 2024

### INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

EMIS No. Personal No.

Index No. Candidate's Name:

Candidate's Signature:

EMIS No.

District ID:

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

- 1. This paper has two sections: A and B.
- 2. Section A has 40 questions (40 Marks).
- 3. Section B has 15 questions (60 Marks).
- Attempt all questions in both sections. All answers to both sections A and B. must be written in the spaces provided.
- All answers must be written in blue or black ball point pens or *ink*. Only diagrams and graph work must be done in *pencil*.
- Unnecessary alteration of work will lead to loss of marks.
- Any handwriting that cannot be easily read may lead to loss of marks.
- 8. Do not fill anything in the boxes indicated:

"FOR EXAMINER'S USE ONLY"

### For Examiner's Use Only;

Qn No.	MARKS	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49	0	- Allert Marie and Control of the Marie and Co
50 - 52		
53 - 55	and the second of the second s	The State of the Landson, State of the State
Total		

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# SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

Name the vector that spreads sleeping sickness among people.
2. How does mulching control weeds in the garden?
3. Give a reason why crop farmers should carry out weather forecasting.
4. State one way of administering first aid to a fractured victim.
<ol> <li>Give any one reason why an earthworm dies when oil is poured on its body.</li> </ol>
The diagram below shows a common equipment used on a cattle
farm. Study and use it to answer questions 6 and 7.
6. Identify the above equipment used by cattle farmers.
7. How is the above equipment adapted to its function?
8. Name any one nitrogenous compound found in urine.
<ol> <li>Mention any one similarity between the body structure of an insect and that of an arachnid.</li> </ol>
10. Name the type of pit latrine which requires a lid on its squat hole.
Sipro Educational Services Tel: G414669050/ 0755-274911/0776-274911  P.7 PRE-PLE SET II INTEGRATED SCIENCE 2024  IGHITE CARRICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAN, TRACHER'S GIRDES & REPUL & COMPANY  OF THE PLEASE OF

11. State the main cause of constipation in human beings.
12. Mention any one lifeskill that can safeguard the youth against drug abuse
13. Give one reason why cooking pans have handles made of insulators.
14. State the importance of soaking clothes before washing them.
15.Write any one danger of swamp drainage.
16.Mention the intestinal worm that causes itching around the anus at night.
The diagram below shows a burning candle. Study and use it to answer questions 17 and 18.
17. Give one form of energy found at part marked with letter P.
18. What type of change takes place when the wick of the candle burns?
19.State any one way domestic animals increase chances of spreading diseases at home.
20. Why is the rate of transpiration in banana plants higher than that in a bear plant?
21. Give any one characterisitic of images formed in a periscope.
22. Mention any one product obtained from practising apiculture.
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23.Give any one w	ray of promoting food security in a home.
24.State any <b>one</b> wachines.	vay of increasing the efficiency of wedges as simple
25.Why should a C	OVID-19 victim be isolated from healthy people?
26.How do plants b	penefit from bees visiting them?
27.State the metho	od of planting which controls wastage of seeds.
28.Mention any <b>on</b>	e vaccine administered to babies at birth.
29.What will happe	en to the pitch of a guitar if its strings are tightened?
30. In which one was	ay can a school health committee solve the problem of a atrine?
31.State any <b>one</b> v	way pulleys can be useful in a school.
32.Apart from free Uganda.	range system, give any other method of rearing poultry in
33. State the behav water.	viour of a piece of paper when placed in a basin full of
34. Name the fungu	s which grows on bread that has overstayed.
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The diagram below shows two bar magnets. Study and use it to answer questions 35 and 36.

			$\rightarrow$	1			
			P			Q	
,		_	3				
35. Identify	y the pole mar	ked with	letter O				
	, the pole mai	Red Willi	ietter G.				
36.Name	the force which	ch exists	at point ma	rked P.		350	
37.Name	the bone whi	ch joins t	he elbow to	the sho	ulders.		
38.How i	mportant is pr	icking ou	t to crop far	mers?			
39.Why :	should the floo	or of a go	at shed be	made wi	th a slanting	surface	∍?
40.Why	do health wor	kers scre	en blood be	fore trar	nsfusion?		
		SEC	TION B: 60	MARKS	5		
	Que	stions 41	to 55 carry	four ma	rks each.		
	state any <b>two</b> e chool kitchen.	examples	of chemica	l change	es which car	occur i	n a
i)							÷
ii)			transmitter and the second state of the second	*******			
	Give any <b>two</b> wenvironment.	vays chei	mical chang	es are in	nportant to p	people in	n the
i)			et announce de margament promiti ma <mark>n</mark> es y anno				
ii) _	- <del> </del>						
.050/ N-23	*						







42. The table below shows childhood immunisable diseases, vaccines and the body site of administration. Complete it correctly.

Disease	Vaccine	Site of administration Right upper arm	
Tuberculosis	i)		
ii)	Polio vaccine	Mouth	
Measles	Measles vaccine	iii)	
Hepatitis	iv)	Left upper thigh	

i) lowest drainage	
ii) lowest capillarity	
b) How are fungi useful during soil formation?	Ja
c) State the reason why materials are changed from one kit to ano	ther
when making compost manure.	
	Г
a) State any two ways you can care for vulnerable people in your	<u> </u>
community.	
i)	
ii)	
b) Give the meaning of the following terms;	
i) invalid	1
ii)	
ii) convalescent	



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45. The diagram below shows an activity commonly done by crop farmers in rural areas. Study and use it to answer the questions that follow.
a) Identify the method of separating mixtures shown in the diagram above.
b) Give any <b>two</b> examples of mixtures that can be separated using the above method.  i)
ii)
c) State the importance of wind in the above method.
46.a) Write any <b>two</b> primary sex characteristics in both male and female adolescents.  i)
ii)
b) Why are adolescents advised to bathe regularly?
c) State any one danger of teenage pregnancies to adolescents.
7.a) Why does the level of water fall when an object immersed in water is removed?
b) Give any one object whose volume can be obtained by getting the product of the base area and its height.
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production i)			ared mainly for meat	
b) Write any t poultry i) ii)	wo poultry ma		ces that reduce vices	
the questions		-	l <sub>R</sub>	1
O centipede	that follow.  P tick	Q lobster	R locust	]
o centipede  a) Identify the belong.	P tick group of inve	Q lobster rtebrates to which	locust n all the above organ	nisms
o centipede  a) Identify the belong.	P tick group of inve	Q lobster	locust n all the above organ	nisms
the questions  O centipede  a) Identify the belong.  b) Mention one i) animal O  ii) animal P	that follow.  P tick group of inve	lobster rtebrates to which	locust n all the above organ	
the questions  O centipede  a) Identify the belong.  b) Mention one i) animal O  ii) animal P	that follow.  P tick group of inve	lobster rtebrates to which	locust n all the above organ	

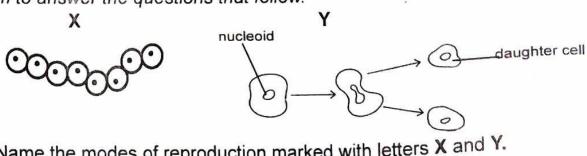
c) Calculate the volume of an object whose mass is 40g and density is

8g/cc. (2 marks)

i) ii	
b i	State any <b>two</b> advantages of practising agroforestry to a crop farmer.  )
51.T	he diagram below shows an electric circuit. Study and use it to answe e questions that follow.
a) Ida i)	entify the parts of an electric circuit labelled with letters A and C.
ii	) C
b	) Give the importance of the part labelled <b>D</b> in the electric circuit above.
c - 2.a)	Give the importance of the part labelled <b>D</b> in the electric circuit above.  State any <b>one</b> energy change that can take place at part <b>B</b> when <b>C</b> is
c 2.a) i) ii)	Give the importance of the part labelled <b>D</b> in the electric circuit above.  State any <b>one</b> energy change that can take place at part <b>B</b> when <b>C</b> is closed.  Write any <b>two</b> dangers of living in a dusty environment.
c, 2.a) i) ii) b)	Give the importance of the part labelled <b>D</b> in the electric circuit above.  State any <b>one</b> energy change that can take place at part <b>B</b> when <b>C</b> is closed.  Write any <b>two</b> dangers of living in a dusty environment.  Mention any <b>two</b> activities people can do to reduce dust in the
c 2.a) i) ii) b)	State any one energy change that can take place at part B when C is closed.  Write any two dangers of living in a dusty environment.  Mention any two activities people can do to reduce dust in the environment.



53. The diagrams below are of two modes of reproduction. Study and use them to answer the questions that follow.



a)	Name the mod	es of reproduction	marked with	letters X an	d Y.
- /					

i) **X** ii) Y

b) Name one organism that reproduces using the reproduction mode labelled Y

c) Which method of making alcohol involves the action of organism that reproduces by mode labelled X?

d) How is reproduction an important process in organisms?

54.a) Name the breeding place for a blackfly.

b) Mention the disease spread by blackflies to people.

c) Give two ways in which the spread of the disease mentioned in (b) above can be controlled.

i)\_\_\_\_\_ ii)

55. Table A shows garden tools and table B shows their uses in a wrong order.

A: Garden tools	B: Uses
garden fork	transplants seedlings
sickle	mixes and turns manure.
trowel	helps in spacing seedlings.
measuring tape	harvests cereals

Select from the above, the correct uses of the garden tools and write them in the spaces provided:

i) garden fork

ii) sickle

iii) trowel \_\_\_\_

iv) measuring tape





# THE SIPRO PRE-PLE INTEGRATED SCIENCE SET II MARKING GUIDE - 2024

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0	LEVEL	CORRECT RESPONSE	WRONG RESPONSE	MARKING POINT	TECHNICAL ADVICE	-
-	P.3	Tsetse fly	Black fly	Should be tsetse fly.	Take learners through different vectors.	any annual variation
2	P.4	Mulches prevent weeds from getting sunlight / Mulches block weeds from getting sunlight.	Weeds are not in the Sarden.	Should be cutting off the Caupply of sunlight.	Guide them through ways mulching helps in the garden.	of Charles
m	q. 4.	To plan for farm activities / To know when to plant and harvest.	w the farm es.	g for the	Discuss with learners the different weather instruments and their functions.	
4	P.2/P.4	Tying splints around the fractured part/ Carrying a person on a stretcher.	To reduce pain.	Should be tying a splint around the fractured part.	Take them through First Aid giving for the different accidents.	
S	P.6	Oil blocks its breathing organ which is the moist skin / The earthworm stops breathing since the moist skin is blocked by oil.	Oil burns the earthworm.		Guide candidates through the different breathing organs in the different organisms.	
9	P.6	Strip cup	Lactometer	Should be strip cup.	Take them through the different farm tools.	
	P.6	It has a wire mesh for filtering blood clots and pus in milk.	It has a wire mesh.	Complete adaptation with a function.	Take learners through the use of the different farm tools.	
80	P.7	Uric acid / Excess mineral salts / Urea	Bile pigments	Should be a component of urine.	Guide learners through the components of the different excretory products.	The second second
Ľ	9.d 6	Both have segmented bodies / Both have jointed legs / Both lack a backbone./ Both have an exo skeleton.	Both have three main body organs.	Should be a characteristic of arthropods.	Guide them through arthropods and insects.	The state of the s
	10 P.6	T	Ventilated Improved Pit latrine.	Should be ordinary / Conventional pit latrine.	Guide candidates through latrines and their features.	-
1	11 P.5	Lack of roughages in one's diet.	Is the difficulty in defaecation.	Should be a cause of constipation.	Take them through causes of digestive disorders.	-
	12 P.6	Being assertive / Critical thinking / Good decision making / Self-awareness / Effective communication/ Focus and self-control / Self-confidence / Coping with stress / Creative thinking / Problem solving.	Feeding on a balanced diet / Doing regular body physical exercises.	Should be a life skill not a life style.	Guide learners through the difference between life skills and life styles.	
	13 P.5		They are poor conductors of heat.	Should be importance of using poor conductors of heat.	Guide candidates through the use of insulators in our daily life.	
			ACOC TOURS			

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	×.	Us a good practice.	Should be how good it is to soak clothes, before washing.	Take them through the steps involved in cleaning clothes and their importance.
	reduced ramfall / Leads to floods / 18	t leads to soil erosion.	Specify the dangers of destroying swamps.	Guide them through reasons why people have drained swamps.
+ 1		Hookworm / Tapeworms	Should be pinworms.	
	int energy	Heat energy changes to light energy/Chemical energy changes to heat energy.	Should be a form of energy change.	Guide them through forms of energy and energy changes
in C		l change	Should be chemical change.	Take candidates through the different changes in the environment
o.	ä	Domestic animals destroy property at home.	Should be a way domestic animals increase chances of spreading germs that cause diseases.	Guide them through ways domestic animals increase chances of spreading diseases.
et; Q.	A banana plant has bigger leaves to carry out transpiration at a lugh rate while a bean plant has small leaves that reduce transpiration rate.	They have big leaves.	Correct and complete comparison.	Take candidates through factors that affect the rate of transpiration.
D.		The images are real, inverted and diminished.	Should be a characteristic of images formed in plane mirrors.	Guide them through types of mirrors and types of curved mirrors.
0.9	Honey / Propolis / Bee pollen / Beeswax / Bee venom	Nectar	Should be a product got from bees.	Take candidates through bees and their products.
4.	Planting disease resist int species of crops / Early planting of crops / Storing food in food stores / Preserving food / Planting perennial crops.	Laziness/ Poverty	Should be a way of promoting food security.	Guide them through ways of promoting food security and causes of food insecurity.
6.7	pening them / Cleaning them after use / g the moving parts before use / Painting	Increasing the angle of inclination.	Should be improving the efficiency of wedges.	Guide pupils through improving the efficiency of all simple machines.
6	rents contact of the sick person with y ones/ Prevents casy spread of COVID-	It is a good thing.	Should be how isolation prevents spread of diseases among people.	Take learners through control measures of animal diseases.

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97	÷.	Flowers of plants get pollinated / Bees pollinate flowers.	They get nectar.	Should be plants to benefit.	Guide them through 1 enefits of
27	p.q	Row planting method	Broadcasting / Casting method	Should be a method of planting which controls	plants from bee visits.  Take learners through methods of planting seeds.
55 57	P.5	Polio vaccine / BCG vaccine	DPT vaccine	Should be a vaccine given to babies at birth.	Guide learners through different ages
57	2	It will increase / It will be high.	It would reduce.	Should be high.	Guide them through increasing and reducing pitch by different musical
8	2 .	By snoking the lattine / By scrubbing the floor / By putting naphthalene halls.	They clean the latrines.	Should be a way to chase houseflies and reducing the bad smell.	Take candidates through ways of controlling bad smell in pit latrines.
	C.	They are used to hoist flags on flag masts / Raising building materials / Towing broken down vehicles (school vans).	They are useful.	Specify how useful they are.	Guide them through the uses of pulleys at school,
Col.		Deep litter system / Battery system/ Cage system / Pen lystem / Fold / Ark system.	Tethering method	Should be a method of rearing poultry,	Guide candidates through the methods of rearing poutry.
	31) 25.	Hwill float. It floats. It will remain on top.	It will sink.	Should be floating.	Take them through sinking and floating.
		Model / Marks	Mushroom	Should be mould.	Guide candidates formigh effects of each lungus.
		St. Morth Pub	South pole / N- Pole	Should be North pole	Guide learners of movement of magnetic lines of force.
49-44		Magnetism / Magnetic force	Porce of repulsion	Should be attraction.	Take candidates through magnetic poles.
		Sharker US	femu	Should be humerus.	tante them through senies of different banes.
	nger Sa	Creates enough space among seedlings / Prevents compension for sunlight / For carbon dioxide/ sonlight and soil / Controls easy spread of crop diseases.	It is good to crop farmers.	The importance of pricking oat.	Guide learners through crop growing activities.

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39	P.5	Γ			
1	4	T	To be clean.	Easy flow of droppings and urine.	Guide them through care given to domestic animals.
	0.	10 prevent easy spread of blood-related diseases like HIV/ AIDS Infection.	To get clean blood.	Should be control of the spread of infectious diseases.	Take candidates through blood screening.
L			SECTION: B		
-4 †*	3	a) Rusting / Fermentation / Respiration/Burning/ Decomposition	Freezing / Evaporation / Condensation	Should be a change that forms new substances.	-Guide candidates through changes that take place in the environment.
		b) They help in making charcoal / Help in making alcohol / They enable them to get food/ Help in soil formation.	They change the properties.	They should be of importance of chemical changes.	-Take them through the importance of the different changes that take place in the environment.
42	ro c.	ij BCG vaccine ii) Polio iii) Left upper arm iv) Hep B vaccine	Polio injection / Right upper arm/ BCG vaccine	Interchanged concepts	Guide them through not interchanging concepts.
43	P.5	a) (i) Clav soil (ii) Sand soil	Sand soil / Loam soil	Should be types of soil.	-Take learners through types of soil
		b) They decompose organic matter to form mimus / Form humus.	They grow in soil.	the	and soil layers. -Guide them through steps followed
n es		c) On 43c) (one pit to another) To allow proper decomposition of materials.	To allow more humus.	It should be correct reason for changing.	when making composite manure.
\$	5.4	<ul> <li>a) Feeding them on a balanced diet/ Washing for them clothes / Cooking for them / Feeding them.</li> </ul>	Giving them alcohol to drink.	ood way of nerable people.	-Take learners through care for vulnerable people.
(Stateston)	The trade of Nation	<ul> <li>b) (i) Invalid is a person who has been weakened by a disease/ Is a person with landonged illness / A person who is very sick.</li> </ul>	Is a person recovering from illness.	Should be a person weakened by disease.	convalescents.
		(ii) A convalescent is a person recovering from an illness.	Is a person who has been weakened by sickness.	Should be a person who is recovering from an illness.	
9	P.5	a) Windowing	Crinding	Should be winnowing.	-Guide candidates through activities
		b) Millet mixed with husks / Sorghum / Rice / Beans with husks / Soya with husks / Beans with husks / Peas with husks	Tomato seeds	Should be a mixture of husks and seeds that can be separated using winnowing.	done using wind.  Take learners through examples of seeds separated by winnowing.
14		c) Wind blows away the husks from seeds.	Wind helps in winnowing.	Should be the exact way wind helps in winnowing.	-Guide them through energy resources and their uses.
10	9.d	a) Production of hormones / Production of gametes (reproductive cells).	Sweat glands become active,	Similar primary sex characteristics.	-Guide candidates through difference between puberty and . Tolescence.

-Guide them through menstruation and ovulationTake them through challenges of adolescentsTake them through dangers of	Teenage pregnancy to adolescentsTake learners through displacementGuide them through objects that are irregularGuide them through calculation and		-Guide pupils through keeping poultryTake them through poultry management practices.	-Guide candidates through invertebratesGuide them through examples of arthropodsTake them through breathing of arthropods.	-Guide learners through agro- forestry. -More guidance about crop rotation.
Should be scientific reason. It is about pregnancy.	Should be to take up the space that was occupied by the object. Should be an object with a proper change.	Follow the steps and use the correct formula.	Should be chicken kept for meat production. Control of vices among the poultry.	Correct identification  Should be a similarity in the way they breathe.	Should be factors that enable choice for a tree breed.  How a crop farmer benefits from the planting.
<del></del>	Water is less dense than that object. Stone / Broken bottle	V = Mass x Density V = 40g x 8g/cc V = 320cc	Ancona / Minorea / Brown egger Regular vaccination / Culling	Arachnids  (i) Housefly  (ii) Millepede  Both breathe through book lungs.	Height of the tree. Trees control soil erosion / Trees provide fruits to people.
<ul> <li>b) To prevent bad body smell or odour/ To help in controlling skin diseases.</li> <li>c) It can lead to school drop outs / It can lead to death during birth / Leads to self-neglect.</li> <li>a) To take up the volume that the statement of the school of the statement of the school of the</li></ul>	occupied by the object.  b) A brick / Cylinder / A rectangular box / Cuboid / Cube	Density $V = \frac{40}{40}g$ $V = \frac{8g}{c}$	a) Light Sussex / Sykes / Cornish White / Jersey giant / Orpington / Plymouth Rock b) Debeaking / Putting few birds in a poultry house / Putting laying boxes in dark corners / Hanging green vegetables	a) Arthropods b) (i) Millipede (ii) Mite / Scorpion / Spider c) Both breathe through spiracles.	a) Maturity rate / Resistance to pests / Resistance to harsh weather and poor soils / Type of wood obtained. b) A crop farmer gets double income / Allows maximum usage of land.
P.5	- 1 - 11		P.S.	P.6	P.7
47			48	64	25

Fuse  To break the circuit at Should be role of dry cells. one's will. Heat energy / Light energy.  Form of energy change not dirty. Heat energy / Light energy.  S. dirty. Heat energy / Light energy. Should be energy change not dirty. Heat energy / Light energy.  Environment dirty. Heat energy / Light environment. Effects of living in a dusty of energy. He furniture. He funding reas for environment. He funding for environment. Evaporation for environment. Evaporation for environment. Evaporation for environment. He funding for environment. In the paperation for environment. Evaporation for environment. Evaporation for environment. In the paperation for environment. Should be fast flowing water. Should be a control measure for the spread of river bill Digs rocky areas iii) Digs rocky areas iii) tools. Harvests cereals iv)	,	:	al II A - files (ii)	STATISTICS AND ADDRESS OF THE PERSON NAMED AND ADDRESS OF THE		
b) To produce electricity / To provide electric current.  Current.  Current.  Current.  Current.  Current.  Current.  Current.  Circle feet energy changes to heat energy / Light form of energy.  A jl t leads to food contamination / Leads to lung Makes the environment form of energy.  A jl t leads to food contamination / Leads to lung Makes the environment environment.  B) Regular watering of the environment / Planting trees / the furniture.  Covering the floor with cow dung.  Covering the floor of the eyes / Avoid sharing face mask flooring water.  Night blindness  Covering the flooring water.  Night blindness  Covering t		. 440	יין ב-אאונכע	Switch	Interchanged concepts.	-Should avoid interchanging
Heat energy / Light   Should be energy changes to heat energy   Light   Should be energy change not diseases / Leads to light energy   Light   Grm of energy		SENSONA THE	b) To produce electricity / To provide electric current.	To break the circuit at one's will.	Should be role of dry cells.	conceptsGuide learners through parts of an electric circuit.
b) Regular watering of the environment / Generating the environment diseases / Leads to jiggers.  b) Regular watering of the environment / Planting trees / Convering the environment / Planting trees / (i) X - Budding (i) Spores (i) X - Budding (ii) Parterium / Amoeba / Paramencium (ii) budding (iii) budding (iveration) Planting to multiply in thelps plants to grow. Increase in number.  c) Fermentation (iveration) Planting to multiply in thelps plants to grow. Increase in number. (iveration) Planting of the eyes / Avoid sharing face (iveration) Planting and an animal plant to multiply in thelps plants to grow. (iveration) Planting the fast flowing water (iveration) Planting face (iverat	1	NUMBER AND ASSESSED.	c) Electrical energy changes to heat energy / Heat energy changes to light energy.	Heat energy / Light energy	Should be energy change not form of energy.	-Guide them through forms and changes of energy.
b) Regular watering of the environment / Planting trees / the furniture.  Covering the floor with cow dung.  (i) X – Budding  (ii) Y – Cell division / binary fission  b) Bacterium / Amoeba / Paramencium  (ii) budding  (iii) budding  (iv) budding  (v) budd	52	ф. 4.	a) It leads to food contamination / Leads to lung diseases / Leads to jiggers.	-	Effects of living in a dusty environment.	-Guide candidates through a health survey. -Revise ways of living in a healthy
P.5   (i) X - Budding   Correct modes of   1-1		THE RESIDENCE OF THE PARTY.	b) Regular watering of the environment / Cementing the environment / Planting trees / Covering the floor with cow dung.	Removing dust / Dusting the furniture.	Reducing dust in the environment.	environment and the steps involved therein.
b) Bacterium / Amoeba / Paramencium c) Fermentation d) Reproduction helps organisms to multiply in 1t helps plants to grow. a) Reproduction helps organisms to multiply in 1t helps plants to grow. b) River bindness / Onchocerciasis c) By sprying black flies with insecticides / By c) By wearing a face mask. c) By sprying black flies with insecticides / By towels. towels. b) Turns manure. ii) Harvests cereals. iii) Harvests cereals. iii) Digs rocky areas iii) iii) Tr.nsplants seedlings.	53	P.5	(i) X – Budding (ii) Y – Cell division / binary fission	(i) spores (ii) budding	Correct modes of reproduction.	-Guide learners through types of reproduction and the modes of
c) Fermentation d) Reproduction helps organisms to multiply in It helps plants to grow. number.  P.3/P.4 a) Fast flowing water b) River biindness / Onchocerciasis c) By spr., ying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular seedlings  P.3 i) Turr s manure. ii) Digs rocky areas iii) tools. Harvests cereals. Harvests cereals ii) Transplants seedlings.		aso, area it wi	b) Bacterium / Amoeba / Paramencium	Fungi	Organisms that reproduce by cell division.	reproduction as well.
d) Reproduction helps organisms to multiply in It helps plants to grow. Increase in number.  humber.  P.3/P.4 a) Fast floving water b) River b indness / Onchocerciasis c) By spr. ying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face frowels.  towels.  p.3 i) Turi s manure. ii) Digs rocky areas iii) iii) Harvests cereals.  Harvests cereals iv)  line pagnar in number.  Water bodies Should be fast flowing water.  Night blindness Should be a control measure for the spread of river blindness.  In Transplants seedlings III) Transplants seedlings. Harvests cereals iv)			c) Fermentation	Evaporation	Correct name of process.	
P.3/P.4 a) Fast flowing water b) River biindness / Onchocerciasis c) By spraying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face towels.  P.3 i) Turi s manure.  P.3 ii) Harvests cereals. iii) Harvests cereals.  Harvests cereals iv)  Water bodies Should be fave flowing water.  Founds be River blindness.  For the spread of river blindness.  By wearing a face mask.  For the spread of river blindness.	en son ti	Ch (S/CH)		It helps plants to grow.	Increase in number.	A-1
b) River biindness / Onchocerciasis c) By spr. ying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face towels.  P.3 i) Turi s manure. ii) Harvests cereals. iii) Transplants seedlings. Harvests cereals iii) Transplants seedlings.	77	D3/P4	a) Fast flowing Water	Water bodies	Should be fast flowing water.	-Guide learners through the different
c) By spraying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing of the eyes / Avoid sharing face regular vashing face r	,	/	h) River hindness / Onchocerciasis	Night blindness	Should be River blindness.	breeding places for most vectors.
P.3 i) Turi s manure. ii) Digs rocky areas iii) tools. Harvests cereals iv)			c) By spraying black flies with insecticides / By regular vashing of the eyes / Avoid sharing face towels.	By wearing a face mask.	Should be a control measure for the spread of river blindness.	places for the different vectorsGuide them through vectors and the diseases they spread.
	55	P.3	i) Turi s manure. ii) Harvests cereals. iii) Transplants seedlings.	i) Transplants seedlings ii) Digs rocky areas iii) Harvests cereals iv)	Correct uses of given garden tools.	Revise using question approach about the garden tools. You can also use the school garden for a practical approach.