١	
١	T
	H
	(F)
	S
	F
	Ř
	3
١	P
ı	2
ı	(+)
ı	P
ı	
ı	H
۱	S
۱	H
l	-
ı	1
ı	-
ı	Z
ı	\vdash
I	(F)
ı	9
ı	R
ı	
ı	-
ı	H
ı	D
۱	D
ı	Ö
۱	\exists
ı	巴
ı	Z
ı	C
۱	THE SIPRO PRE-PLE SET 1 INTEGRATED SCIENCE MARKIN
۱	7
ı	1
ı	
ı	2
ı	不
ı	7
ı	4
۱	43
۱	0
۱	7
١	Ξ
۱	D
١	H
ı	1.
	20
	2
	w
ſ	

	12.	11.		10.	9.	8.	7.	ç	0 3	4; n		ω i		2
	P.4	P.4		P.3	P.6	P.5	P.5	7.0	3	P.6		F.0	P.5	LEVEL
foot/swimmer's itch	Ringworm /Eczema /Athlete's	Tapeworm	exhaustion (infertility)	class/Amphibians Soil erosion leads to soil	wax method / pressing the honey method. Amphibia /Amphibian	Centrifuging method /Floating the	Both store their food in swollen roots /Both are root tubers.	/milk produced by its mammary glands /By allowing the calf to suckle.	מוטובט מכבעט	Conifers /coniferous plants	while pin hole cameras form real images.Plane mirrors form erect images while pinhole cameras form inverted images.	space for inhaled air. Plane mirrors form virtual images	Nitrogen fixing bacteria	CONNECT ANSWER
Candidiasis		Hook worm	wasnes away top soil	Wacharana Macharana Machar	Fich /Bentilog	Use of fire cutting method	Both reproduce by means of	By licking it with its tongue	Stores food	Spore produce /cones	while pinhole cameras' images are not real	To get space	Spherical bacteria	WRUNG ANSWER
Fungal skin diseases		Worms out through	Dangers of erosion	Characteristics of amphibians	honey from a comb.	Methodoof	Food storage in root	Importance of colostrum	Seed storage	Structure of a conifer and use of a cone	plane mirrors	Creation of space	Types of bacteria that fix Nitrogen in the soil	MARKING POINT
Review through dangers and uses of fungi to humans.	structures of intestinal worms.	vices.	Go through control of poultry	Discuss the five classes of vertebrates with examples and characteristics.	Use clear demonstrations to show methods of honey extraction.	tubers and stem tubers.	Discuss propagation of root	Go through uses of colostrum to a calf.	examples.	Break down the groups of non-flowering plants with their	images formed in plane mirrors and cameras.	Revise the behaviour of respiratory organs practically.	Go through useful and harmful bacteria.	COMMENT

THE SIPRO PRE PLE SET I INTEGRATED SCIENCE MARKING GUIDE -2023

27.	26.	25.	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.
P.4	P.4	P.7	P.5	P.5	P.4	P.7	P.5	P.7	P.4	P.1	P.5	P.7	P.2	P.5
Wind helps in pollination /seed	Chalk dust is a non-magnetic material (substace) /chalk dust can't be attracted by a magnet.	Because of refraction	Container Q has a wider surface area for heat loss.	Container Q	The pupil reduces in size.	Static electricity	Perches keep birds busy/Enable birds to make exercises hence controlling boredom.	Biogas conserves wood fuel /Bio gas prevents air pollution.	soap damage the tongue. By hardening off /gradual removal of shed	Soap contains chemicals that damage the tongue/ chemicals in	M =48g volume = 12cc D = Mass_/D = 48g/D =4g/cc Volume 12cc	Glowworms/Fireflies	It reduces hiding places for dangerous insects and animals /Removes habitats for mosquitoes.	Poultry provide eggs which are a source of proteins when eaten /provide meat eaten to get proteins.
Wind helps in winnowing	Chalk dust is not a magnet	Wrong perception	It has less hot water	Container P	The pupil enlarges	current electricity	Perches improve feeding in birds	Biogas is quick	By watering crops	Soap kills germs	D=MXV = 48 x 12cc =576kg/cc	The sun/moon	injure people	Poultry kill germs
Uses of wind to plants	Definitions of non-magnetic materials	Effects of refraction	allow heat loss	Factors that allow heat loss	Behaviour of the pupil in much light	Types of electricity	Importance of hanging perches	hiogas	Removal of shed	mouth	mass and volume are	light.	-	nutrition Role of slashing tall grass
Go through ways living things	Discuss the examples of magnetic objects.	Review parts and law of reflection.	Train children on proper question interpretation.	Provide a variety of experiments on heat gain and heat loss.	Discuss the process of accommodation in the eyes.	electricity.	hanging perches and greens and their relevance.	that conserve the environment.	growing practices.	is used and promotion of oral hygiene.	calculations on mass, density and volume. Demonstrate how a dental floss	Engage the learners into	promoting sanitation. Discuss uses of light.	parasites and vice. Go through the relevance of

L		_	38.	37.	36.	35.	<u> </u>	00.	22	32.	31.		30	29.
	/	D 2/D 4	P.6	P.6	P.6	P.4	P.6	7.0		P.6	P.5	ò		P.4
	moisture which would enable bacteria to multiply / It creates a tough layer of smoke which does not allow bacteria to multiply;	Terring off ds	Perching hind	fruits	measures the lowest temperatures in a place. A spur is used for protection	Mercury measures the highest	Regular dipping kills ticks /Acaricides kill ticks on cattle.	Sorting	choking	Eating while talking leads to	Queen bee	get money/Some plants are sold to get money/Some plants are sources of food / Some plants are sources of timber / Some plants are sources of raw-materials for making paper /clothes /boats	hermaphrodites / Their stamens usually grow taller than the styles (pistils) /some flowers remain closed until pollination has occurred /pistils and stamens usually mature at the same time.	Flowers are usually
	Heat kills some bacteria	Fruit eaters	Nectal	North	While alcohol is not	Mercury is sensitive to heat	Kills germs	Soaking	it causes cough	It cause bee / worker bee	Drone hoe /	Plants help rain formation	iney have bright petals	monuscs
	Role of smoking in fish preservation		Classification of birds	Use of a spur to fowls.	operates.	How a six's thermometer	교	Steps in cleaning clothes.	Bad eating habits	Types of bees		Economic importance of plants	Features that enable flowers pollinate themselves.	Groups of arthropods
	Discuss the different methods of food preservation and how they operate.	of birds.	Go through the warious	Discuss parts of a chicken.	weather instrument and how it operates	control.	Go through cattle pests and	Go through the importance of	Discuss bad eating habits and	Use well and clearly drawn structures of bees.		Discuss the dangers of some plants	Use real flowers Explain concepts on pollination types.	Discuss the classification table of invertebrates

		Both cause ourns.	c)Hot cooking oil causes scalds while hot charcoal causes burns on the skin		
		The state of the s	vapour change to inquiu state.		
	vapour.		water vapour /makes water		
ווווסטו נפווכב נוו במוול יוובי	Effects of heat loss on	It makes it evaporate	h) convection of		
heat transfer and their	transfer	i)Convection ii)radiation	a)i) conduction	. P.5	44.
Demonstrate the methods of	lise of methods of heat		crops /uprooting infected crops		
		Spraying	c)Crop rotation /pruning infected parts /planting diseases resistant		
		prunner	b) Pruner /secateur		
garden.	and tools used.		spread of disease among perennial crops	P.4	43
their importance using a school	Advantages of pruning	It removes some branches.	poisoning /make food go bad.	1	
and growing at	The property of the second	They spread diseases.	c) They cause diseases /food		
	000	bacteria	hiveret and the second	_	
things.	and fungi. Dangers of bacteria	ii)Budding	a)i)M-Budding (ii)N-cell division / Binary fission.	. P.5	42.
Help candidates categorize une	Reproduction in bacteria		foodstuffs.		
the second secon			should provide poor people with		
			mechanized agriculture to grow		
			()Educating parents on men /using		
The state of the s		Buying food	storms /lightning		
And the second second second	feeding.	-Ignorance / poverty	b)Strong wind /floods/ drought /		
food to which they belong	and control of poor		ij)vitamins/mineral salts / 8.000		
master foodstuffs and classes of	food food food food food food food food	i) carbohydratesii) Lipids	a)proteins /grow foods	. P.1	41.
Use several simple common	Importance of classes of	SECTION B	with infected ones / Bour are	-	
measure.	diseases among proprior	clothes.	Both are spread through having unprotected sex with an infected person /through sex deviations	P.7	40.
of STDs and their control	Spread of venereal	noth spread through sharing		Marin .	100

THE SIPRO PRE PLE SET I INTEGRATED SCIENCE MARKING GUIDE -2023

promote personal hygiene.
Use of items that
Use of sponge.
and organs
Importance of excretion
The second
operates.
Structure of a Stevenson screen and how it
Albert Market Land Astronomy
and buying drugs from shops.
Dangers of drug misuse
Effects of worms
Intestinal
Flow of current
changes

a)i) Oxygen (ii) carbon dioxide b) Organism K gets food / organism K			The second secon	channels			
a)i) Oxygen (ii) carbon dioxide b) Organism K gets food /organism K gets herbal medicine a)Changes in weather /changes in /changes in growth /changes in the sky / adolescence changes Get oxygen Get oxygen Get oxygen Get oxygen Brought /floods /thunder Natural changes New / Adolescence changes		Control measures for floods in the environment	By planting trees	b)By conserving swamps /By constructing proper drainage systems /By controlling swamp pollution /By dredging water channels/constructing large water			
a)i) Oxygen (ii) carbon dioxide b) Organism K gets food /organism K gets herbal medicine a)Changes in weather /changes in /changes in growth /changes in	The same of the season of the season of	- Com		the sky / adolescence changes			
a)i) Oxygen (ii) carbon dioxide Gets food b) Organism K gets food /organism K gets herbal medicine Get oxygen animals	earthquakes are natura of changes but not natura changes.	Natural changes	Drought /floods /thunder	a)Changes in weather /changes in seasons /placement changes /changes in growth /changes in	51	52	
a)i) Oxygen (ii) carbon dioxide Gets food Interdependence b) Organism K gets food /organism Get oxygen Get oxygen animals	Drought /flood/lightni		The second secon				
	food chain.	between plants and animals	Gets food Get oxygen	a)i) Oxygen (ii) carbon dioxide b) Organism K gets food /organism K gets herbal medicine		51.	
	To the component						

a)i) Oxygen (ii) carbon dioxide b) Organism K gets food /organism K gets herbal medicine	Gets food Get oxygen	Interdependence between plants and animals	Go through components or a food chain.
a)Changes in weather /changes in seasons /placement changes /changes in growth /changes in	Drought /floods /thunder	Natural changes	Drought /flood/lightning and earthquakes are natural causes of changes but not natural changes.
b)By conserving swamps /By constructing proper drainage systems /By controlling swamp pollution /By dredging water channels/constructing large water	By planting trees	Control measures for floods in the environment	
a)i)Inclined planes /slopes	i)ladder ii) single fixed pulley	Group of simple machines	Discuss the groups of simple machines in a detailed way.
b)Machine M	Machine L	Simple machine that changes the direction of force	
2)Machine M changes the direction of force	Machine M uses less effort	Change in the direction	on of the section of
1) Use of stem cuttings / marcotting / budding /layering / grafting	Suckers/bulbs	Artificial vegetative propagation method	Carry out several practices on the artificial methods of vegetative propagation
b)i)There is quick maturity in plants/ Desirable and good characteristics are easily maintained/The young plant obtains water and mineral salts from the parent plant/A single parent plant is used in propagation.	Plants can colonise new areas easily.		
i)produce sperms ii) produce ova iii) it's where fertilization takes place place iv) stores manufactured sperms.	Produce ova Produce sperm stores sperms It's where fertilization takes place	Uses of parts of the reproductive system.	Go through parts of the reproductive system and their importance in the process of reproduction.