2nd Term Worksheet [2018 – 19]

Subject - Science Class - V

Name	:					5	ec. :	
					apter – 6	•		
Keyw	ınrds:			[Solids, Liqu	uids and Ga	<u>ises]</u>	[72]	
Matte							[/2]	
	nentati							
Scan	neman	OII.						
Exerc	cise:						[72-74]	
1.	Fill i	n the b	lank boxes to ide	ntify the state	es of matter.		[72]	
					MATI	TER		
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							**	
			Definite shape	Defini volum	1 1	1 1	definite olume	
2.	Mult	iple Ch	oice Questions:				[73]	
	(i)	Whic	ch of these is mad	de up of molect	ules?			
		(a)	Solid		(b)	Liquid		
		(c)	Gas		(d)	All of these		
	(ii)	The	space between th	e molecules w	hich of these	e is the highest?		
		(a)	Solid		(b)	Liquid		
		(c)	Gas		(d)	Same in all of these		
	(iii) The attraction between molecules of which of these is the highest?							
		(a)	Solid		(b)	Liquid		
		(c)	Gas		(d)	Same in all of these		
	(iv)	By w	hich method can	you separate	a solid solub	ole in a liquid form the lic	ղuid?	
		(a)	Sedimentation	1	(b)	Decantation		
		(c)	Filtration		(d)	None of these		
	(v)	Which of these statements is true at night in a coastal area?						
		(b)	Air above the s	sea is cooler th	nan air abov	e land.		
		(c)	Air above the s	sea is warmer	than air abo	ove land.		
	(vi)	Whic	ch of these can re	move warm ai	ir from a roo	m?		
		(a)	Ventilator		(b)	Exhaust fan placed hig	Jh up in a room	
		(c)	Chimney		(d)	All of these		
3.	Nam	e these	:				[73]	
	a)	Solid	l, liquid and gas a	are the three				
	b)	Their	r molecules are p	acked togethe	r very closel	у		
	c)	Their	r molecules are to	otally free to n	nove around			
	d)	They	can flow but hav	/e a definite vo	olume.			
	e)	This	gas forms three-f	fourths of air b	by volume.			
	f)	Wind	ds that blow over	India and brin	ng rain.			

Put	$$ for true, and \times for false:	[73]
a)	Molecules of all liquids are the same.	
b)	Atoms are made up of molecules.	
c)	Molecules in a solid are closer to each other than molecules in a liquid or gas.	
d)	A solid takes the shape of the container it is placed in.	
e)	A heavy insoluble solid, when mixed with a liquid, will form a sediment in the liquid.	
f)	The main gases present in air are oxygen and carbon dioxide.	
Wha	at is matter? What is it made up of?	
How	v is the arrangement of molecules in ice different from their arrangement in water?	
Why	y do gases not have a definite shape or volume?	
Why	y does wind flow from the sea to the land during the day?	
Why	y are exhaust fans placed near the top of ceiling in a cinema hall?	

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1. /	A solid	estions: d which tation?		iter is mixed	with water. Ca	an it be separat	ed by sedime	[74] ntation and
Ans. ₋								
- -								
-								
- - -								
-					Charter 7			
Keywor	rds:		<u>[Ir</u>	nterdepende	Chapter - 7 ence of Plants	and Animals]		[85]
Defores Scavenç Decomp	gers:							
Exercis								[86-88]
	Study ducer			in the boxes onsumers		words from the	Decomp	oosers
		-	1		2		3	
•••••	•	4	•			7	Samul	
	a. Ans.	The ar	row after Bo	ox 4 represer	nts some mater	rials. What are	these called?	

2.	Multi	iple Ch	noice Questions:			[86]			
	(i)	Whi	ch of the following is a non-living pa	rt of th	e environment?				
		(a)	Animals	(b)	Soil				
		(c)	Bacteria	(d)	Plants				
	(ii)	Plan	ts depend on animals for:						
		(a)	Food	(b)	Oxygen				
		(c)	Carbon dioxide	(d)	Shelter				
	(iii)	Scav	rengers are:						
		(a)	Producers	(b)	Primary consumers				
		(c)	Secondary consumers	(d)	Decomposers				
	(iv)	Whi	ch of these is a secondary consumer	?					
		(a)	Grass	(b)	Cow				
		(c)	Snake	(d)	Giraffe				
	(v)	Whi	ch of these food chains is correct?						
		(a)	Grass→Goat→Tiger	(b)	$Tiger \rightarrow Goat \rightarrow Grass$				
		(c)	Goat→Grass→Tiger	(d)	$Grass \rightarrow Tiger \rightarrow Goat$				
	(vi)	Whi	Which of these human activities upset the balance in nature?						
		(a)	Cutting down forests						
		(b)	Hunting wild animals						
		(c)	Setting up factories that release	harmfu	I gases				
		(d)	All of these						
	(vii)	Which of these is good for the environment?							
		(a)	Afforestation						
		(b)	Deforestation						
		(c)	Global warming						
		(d)	All of these						
3.	Put 1	Put √ for true, and x for false:							
	a)	Livir	ng things are dependent on non-livi	ng and	other living things.				
	b)	b) Interdependence in nature means that all living things are independent of							
	c)	Plants are known as producers and animals as consumers.							
	d)	Global Warming is good for the environment.							
	e)	Rain	water harvesting means using rain	water t	o grow crops.				
4.	Matc	Match the columns:							
		Colu	mn A		Column B				
	a)	Cow		i.	Primary consumer				
	b)	Lion		ii.	Decomposer				
	c)	Vult	ure	iii.	Scavenger				
	d)	Funç	gus	iv.	Extinct				
	e)	Anin	nal that no longer exists on earth	٧.	Secondary consumer				
5.	List t	wo wa	y in which:			[87]			
	a.	Plan	ts depend on animals						

b.	Animals depend on plants	
Ditt.	rontists between	
a.	rentiate between: Living and non-lining components of the environment	[
u.		
b.	Producers and consumers	
C.	Scavengers and decomposers	
Give	an example of a food chain. Why do all food chains begin with plants?	
How	has deforestation upset the balance in nature?	

nat is rainwater harvesting? How can it help to increase the level of groundwater? nat are the effects of a forest fire?
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Questions: nose all plants are destroyed. What effect will this have on the environment?
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ppose all plants are destroyed. What effect will this have on the environment?

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	racting groundw		morn passou se	on an order. (Bor	o won is a doop we
		Chi	apter – 8		
			apter – 8 I and Noise]		
e:					
e: e pollution: cise:		[Sound	and Noise]		[94-95]
e: e pollution: cise:	mind map about	[Sound	and Noise]		[94-95]
e pollution: cise: Fill in the		[Sound	sound		[94-95]
e pollution: cise: Fill in the		[Sound	and Noise]	> H	[94-95]
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	D -	[Sound	SOUND CAN BE	L	[94-95]

Mult	iple Ch	oice Questions:			[94]	
(i)	Whic	ch of these best describes a snee	eze?			
	(a)	Pleasant and loud	(b)	Unpleasant and loud		
	(c)	Pleasant and soft	(d)	Unpleasant and soft		
(ii)	Sour	nd produced by which of these m	nusical instr	ruments is the lowest?		
	(a)	Guitar	(b)	Flute		
	(c)	Drum	(d)	Violin		
(iii)	Which of these are warning sounds?					
	(a)	Shouting to warn of danger	(b)	Siren of an ambulance		
	(c)	Fire alarm	(d)	All of these		
(iv)	Cons	tant noise pollution around us	can cause:			
	(a)	Headaches	(b)	loss of hearing		
	(c)	fever	(d)	Both (a) and (b)		
Filli	n the b	lanks with the names of the sou	unds produc	ed by these animals:	[94]	
Elepl	hant:		_ Lion:	:		
Hors	e:		_ Duck	<u> </u>		
Wha	t kind o	of sound is annoying to hear?				
Wha	t are w	arning sounds? How are they u	seful to use	?		
	t is nois	se pollution? What kind of soun	ds produce	noise pollution?		
 Wha	t is nois	se pollution? What kind of soun	ds produce	noise pollution?		
Wha	t is nois	se pollution? What kind of soun	ds produce	noise pollution?		

Suggest three	e methods of redu	ucina noise nol	Lution around u		
Juggest till ee	inethous of redu	icing noise por	attori arouna a	3.	
cing Questions:					
screaming?					
			ter – 9		
uorde:			ter – 9 d Energy]		[101]
					[101]
gy:					[101]
gy:					[101]
gy: wable source:					[101]
gy: wable source: cise:	ınk boxes in the e	[Work an	d Energy]		
gy: wable source: cise:	nk boxes in the e	[Work an	ap.		[102-104]
gy: wable source: cise:	nk boxes in the e	[Work an	d Energy]	GY	[102-104]
gy: wable source: cise:	nk boxes in the e	[Work an	ap.	GY	[102-104]
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gy: wable source: cise:	ank boxes in the e	[Work an	ap.	GY	[102-104]
gy: wable source: cise:		[Work an	ap.	GY	[102-104]
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words: gy: wable source: Fill in the bla		[Work an	ap.	GY	[102-104]

a brick by 1 m (b) Lifting a brick by 2 m two bricks by 1 m (d) Lifting two bricks by 2 m which of these comes from the sun? (b) Petroleum I gas (d) All of these sources of energy is non-renewable? (b) Wind (d) Wood et directly converts the energy of the sun into electricity? boker (b) Solar water heater etall (d) All of these tained from which of these is non-polluting? (b) Wood (d) Natural gas [103] moves something is done. is required. has energy or erated in dams built over rivers is called erated in dams built over rivers is called Sources of energy will never run out. etal using the sun's energy in a heater. Column B e of most forms of energy (i) Non-renewable or in orivers to get electricity (iii) Sun run run or in orivers to get electricity (iii) Sun run run or in orivers to get electricity (iv) Motion energy and and work is done [103]	(i)								
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cooker (b) Solar water heater ell (d) All of these tained from which of these is non-polluting? (b) Wood (d) Natural gas [103] moves something		(c)	Coal	(d)	Wood	d			
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(b) Wood (d) Natural gas [103] moves something is done is required. mas energy or ent flowing in a wire is energy. can be burnt to get energy. They are merated in dams built over rivers is called sources of energy will never run out. ed using the sun's energy in a heater. [103] Column B e of most forms of energy (i) Non-renewable poving object (ii) Dam t on rivers to get electricity (iii) Sun rgy that, once used up, aced each of the following: (iv) Motion energy and and work is done [103]		(c)	Solar cell	(d)	All of	these			
(d) Natural gas [103] moves something is done is required. mas energy or rent flowing in a wire is energy. can be burnt to get energy. They are merated in dams built over rivers is called sources of energy will never run out. ed using the sun's energy in a heater. [103] Column B e of most forms of energy (i) Non-renewable oving object (ii) Dam at on rivers to get electricity (iii) Sun rgy that, once used up, (iv) Motion energy aced each of the following: [103] and work is done	(v)	The e	energy obtained from which of th	nese is non	-polluti	ng?			
moves something is done. is required. energy or		(a)	Coal	(b)	Wood	i			
rent flowing in a wire is energy or rent flowing in a wire is energy. rent flowing in a wire in a energy. rent flowing in a wire in a energy. rent flowing in a wire in a energy. rent flowing		(c)	Wind	(d)	Natu	ral gas			
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sources of energy will never run out. sources of energy will never run out. dusing the sun's energy in a	e)	Wood	Wood and coal can be burnt to get energy. They are						
column B e of most forms of energy oving object t on rivers to get electricity rgy that, once used up, acced each of the following: ed using the sun's energy in a	f)	Electricity generated in dams built over rivers is called							
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each of the following: [103] ed and work is done	h) Mat	Wate ch the co Colur Prim	sources or is heated using the sun's energolumns: mn A ary source of most forms of energol	gy in a	(i)	Column B Non-renewable			
ed and work is done	h) Mat a)	Wate ch the co Colur Prim Ener	sources or is heated using the sun's energolumns: mn A	gy in a	(i) (ii)	Column B Non-renewable Dam			
ed and work is done	h) Mat a) b)	Wate Colur Prim Ener Struc Sourc	sources or is heated using the sun's energolumns: mn A ary source of most forms of energy gy of a moving object	gy in a	(i) (ii) (iii)	Column B Non-renewable Dam Sun			
	h) Mat a) b) c) d)	Wate Colur Prim Ener Struc Sourc	sources or is heated using the sun's energy of a moving object sture built on rivers to get electrones of energy that, once used up to be replaced	gy in a	(i) (ii) (iii)	Column B Non-renewable Dam Sun	[103]		
d but no work is done	h) Mat a) b) c) d)	Wate Colur Prim Energ Struc Sourc canno	sources or is heated using the sun's energy of a moving object sture built on rivers to get electrotes of energy that, once used up to be replaced ample for each of the following:	gy in a	(i) (ii) (iii)	Column B Non-renewable Dam Sun	[103]		
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	h) Mat a) b) c) d)	Wate Colur Prim Ener Struc Source cannote one exa Force	sources or is heated using the sun's energy of a moving object sture built on rivers to get electrotes of energy that, once used up to be replaced ample for each of the following:	gy in a	(i) (ii) (iii)	Column B Non-renewable Dam Sun	[1		

	ergy?	[104]
List four fo	rms in which energy exists. Give one way in which each is used.	[104]
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	usl2 Name and final that is removable and three finals that are non re	mayyahla [1
what is a i	uel? Name one fuel that is renewable and three fuels that are non-re	newabie. [1
Give two ex	camples of renewable energy sources and say why they are considere	d to be
Give two ex	camples of renewable energy sources and say why they are considere	
	camples of renewable energy sources and say why they are considere	d to be [104]
renewable.		
renewable.		[104]

Thinking Questions: [104]

 Study 	these	two	statement	:
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- a. Coal is formed form dead trees. Since trees will always be there and will die, therefore coal is a renewable form of energy.
- b. Wood is obtained from trees. Since trees will always keep growing therefore wood is a renewable form of energy.

TOTICVVAL	ole form of ene	лgy.			
Do you agree w	ith the statem	nents? Give re	easons.		