OSDAV Public School, Kaithal

July Test (2024) Class :VI

Subject :Science

Set-A M.M. : 30

Time:1hr10 min.

- 1. Read the paper carefully.
- 2. All the questions are compulsory.

	Questions	puisory.	Marks
Q.1	Tick the correct option		
	i. Which of the following is non biodegradable		1*5=5
	a. Dry leaves	b. Cotton Cloth	
	c. Aluminium foil	d. fruits	
	ii. Which of the following is an example of a heterogeneous mixture?		
	a Sugar in water	b.Pebbles in rice	
	c.An aerated drink	d. Salt in water	
	iii. This flower always faces the east in the morning but turns towards the west in the evening.		
	a. Petunia	b. Rose	
	c. Sunflower	d. Primrose	
	iv. What is the colour of Biodegradable bin		
	a.Black	b. Red	
	c. Green	d. Blue	
	v. Which of the following is insoluble in water		
	a. Sugar	b. Sand	
	c. oxygen	d. Common salt	
Q.2	Assertion/ Reason		1*1=1
	i)Assertion: Diffusion of gas in gas is fastest.		
	Reason: Gaseous particles are loosely packed and they can move freely.		
	a) Assertion is true and reason is false		
	b) Assertion is false and reason is true		
	c) Both Assertion and reason are false		
	d) Both Assertion and re	eason are true	
Q.3	Decomposition of dead anim	als turn out to be useful. Justify this statement	2
Q.4	Which state of matter can easily change its shape and volume . State reason to justify		2
	your answer.	- · · ·	
Q.5	i. Identify the pure substance	s from following: sea water, carbon dioxide, air, oxygen	2
	ii.Name two substance that c	-	

Q.6	Burning photosynthesis Combustion A Nature tries to maintain a balance between Oxygen and Carbon dioxide In the diagram above , Label A,B,C. A, B, C	3
Q.7	Draw a well labelled diagram of arrangement of particles in three states of matter.	3
Q.8	State the separation methods that can be used to separate i. Separating peas from cooked pulao ii. Sand and iron nails iii. Husk from wheat	3
Q.9	i. Distinguish between autotrophs and heterotrophs . Give one example of each. ii.List any two steps you can take to save the environment.	3+2
Q.10	Read the paragraph and answer the following questions:- All the things that we see around us are made up of matter. Matter is something which has mass and which occupies space. Matter can be broadly classified into three categories: Solid, liquid and gaseous state. They can be differentiated on bsis of various properties like appearance, transparency, diffusion, solubility etc i. Define transparent materials. ii. Identify material that will sink: pebble, iron nail, wood, pencil. iii. Name a state of matter in which diffusion doesn't happen. iv. Air is considered as matter. justify.	

OSDAV Public School, Kaithal

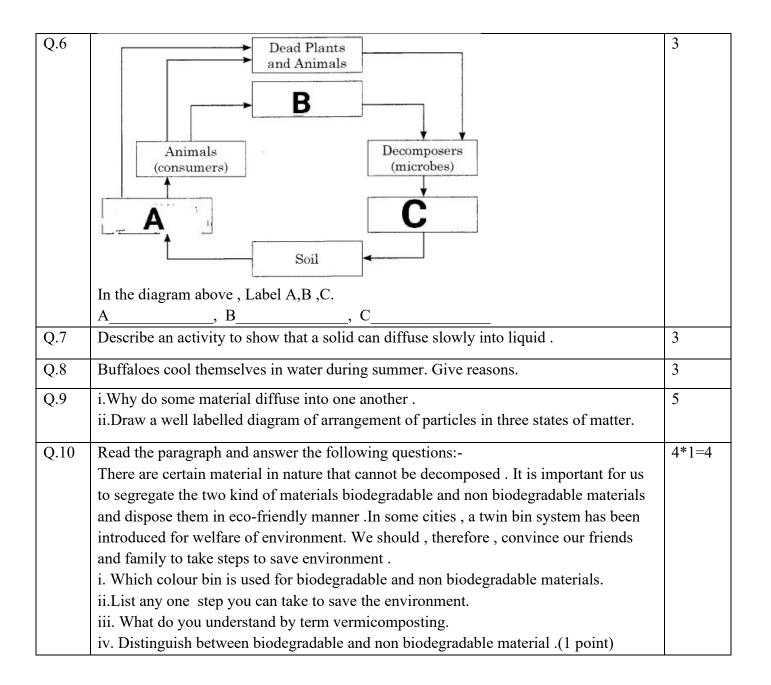
July Test (2024)

Class:VI

Subject : Science Set- B
Time:1hr10 min. M.M.: 30

- 1. Read the paper carefully.
- 2. All the questions are compulsory.

	Questions		Marks
Q.1	Tick the correct option		
	i. Which of the following is a example of mixture?		1*5=5
	a. Gold. b. O	xygen	
	c. Air d. Ca	arbon Monoxide	
	ii.Which of the following is an opaque material?		
	a. A piece of wood b.A	plane, thin sheet of glass	
	c.Pure air d. W	Vater in a clear glass container	
	iii. This flower that blooms with sunrise and sets with sunset.		
	a. Morning Glory b. R	Rose	
	c. Sunflower d. Pr	rimrose	
	iv. helps to convert dead plants and animals into minerals.		
	a.Decomposers b. C	arnivores	
	c. Herbivores d. C	Omnivores	
	v. A substance that sublimes easily is		
	a Naphthalene b. Sa	alt.	
	c. Sugar. d. C.	halk	
Q.2		vultures, kites are called decomposers. od from dead and decaying plants are called	1
	decomposers.		
	a) Assertion is true and reason is false		
	b) Assertion is false and reason is true		
	c) Both Assertion and reason are falsed) Both Assertion and reason are true		
Q.3	i. Name the machine used for threshing.	е	2
Q.3		following: alloys, sugar in water, sand in	2
	water, pebble in dal	onowing anoys, sugar in water, saile in	
Q.4	Which state of matter can not change its s	shape and volume easily ? Justify your	2
	answer.		
Q.5	State the separation methods that can be u	used to separate	2
	i. Pebbles from rice		
	ii. Scrap iron from heap of waste.		





OSDAV Public School, Kaithal Periodic Test Answer key (July ,2024)

Set-

Class:VI

Subject : Science

Time: min. M.M. :30

- 1. Read the paper carefully.
- 2. All the questions are compulsory.

	Questions Questions	Marks
Q.1	Tick the correct option i. c. Aluminium foil ii.b.Pebbles in rice iii. c. Sunflower iv.c. Green	1*5=5
	v.b.Sand	
Q.2	Assertion/ Reason d) Both Assertion and reason are true	1*1=1
Q.3	Decomposers Breakdown the dead and decaying plants and animals into minerals . These minerals get mixed up with the soil and are again used by plants for growth.	2
Q.4	Which state of matter can easily change its shape and volume because they are loosely packed, force of attraction is weak, particles are easily move.	1+1
Q.5	i. The pure substances are carbon dioxide,oxygen ii.Substance that can sublime are iodine, camphor, ammonium chloride, naphthalene	1+1
Q.6	A Oxygen , B Respiration , C Carbon dioxide	3
Q.7	Solid Liquid Gaseous Arrangement of farticles in three states of matter	3
Q.8	Methods used are: i. Separating peas from cooked pulao - Hand picking ii. Sand and iron nails - Magnetic Separation iii. Husk from wheat - Winnowing	3
Q.9	 i. Autotroph - prepare their own food. They have chlorophyll, they are called producer e.g. green plants Heterotrophs - they can't prepare their own food. They do not have chlorophyll, they are called consumers . e.g. Animals like dog, cat etc. ii.1. Grow more trees 2. Stop deforestation . 	3+2

	3.Dump garbage in pit (any pther relevant point)	
Q.10	i. Transparent materials which allows light to pass through them.	4*1=4
	ii. Material that will sink: pebble , iron nail.	
	iii.Solid state	
	iv. Air is considered as matter because it occupies space and has mass.	



OSDAV Public School, Kaithal Periodic Test Answer key (July ,2024)

Set-

Class:VI

Subject : Science

Time: min. M.M. :30

- 1. Read the paper carefully.
- 2. All the questions are compulsory.

	Questions Questions	Marks
Q.1	Tick the correct option	17247215
ν.1	i. c. Air	1*5=5
	ii.a. A piece of wood	
	iii.a. Morning Glory	
	iv.a.Decomposers	
	v. a. Naphthalene	
Q.2	b. Assertion is false and reason is true	1
Q.3	i.Thresher is used for threshing.	1+0.5+
	ii. alloys , sugar in water	0.5
Q.4	Solid state of matter can not change its shape and volume easily because particles	1+1
	are tightly packed . force of attraction is strong .	
Q.5	i. Pebbles from rice - Hand picking	1+1
	ii. Scrap iron from heap of waste- Magnetic Separation	
Q.6	In the diagram above , Label A,B ,C.	3
	A Green plants (producers), B Animal Droppings, C Minerals	
Q.7	Fill a glass tumbler with water and place it on table. Put a few crystals of	3
_	potassium permanganate in water and observe . We observe that pink colour	
	slowly spread in water. This activity shows that solid diffuse slowly in water.	
Q.8	Buffaloes cool themselves in water during summer because they are black in	3
_	colour and they don't have efficient sweat glands . So , they feel more heat and	
	cool themselves in summer .	
Q.9	i. Diffusion happens due to free movement of particles of some materials / Due to	2+3
	random movement of particles .	
	ii.	
	000 00 00 E	
	0000 20 0,0	
	Solid Liquid Gaseous	
	Solid Liquid Gassous Arrangement of faeticles in these states of matter	
Q.10	i. Biodegradable Green and non biodegradable materials - Blue Bin	4*1=4
	ii. Grow more trees , dump garbage in pit (any other relevant point)	
	iii. The process of making compost with the help of various worms like earth	
	worm.	

iv. Biodegradable material can be converted to compost and non biodegradable material can be recycled .(any other relevant point)