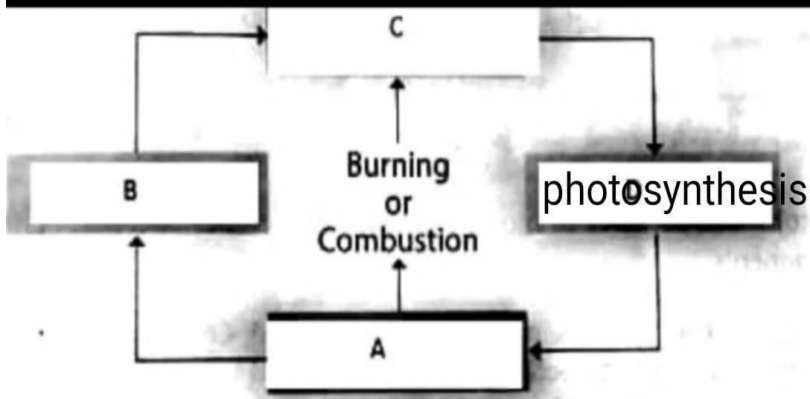
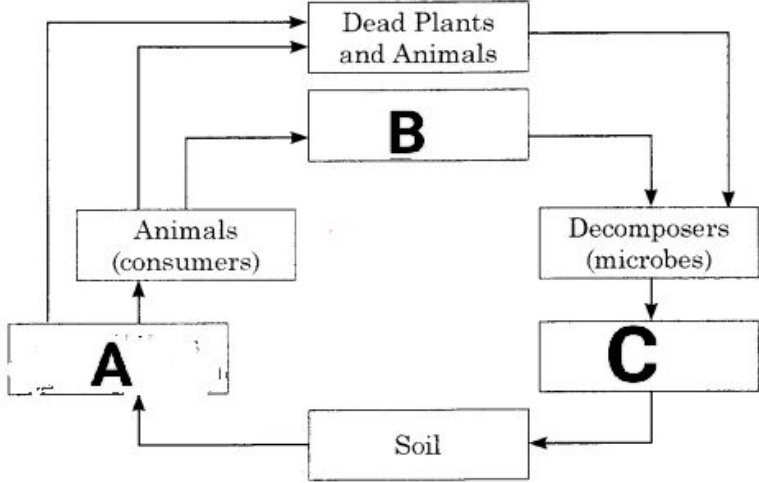


<p>Q.6</p>	 <p>Nature tries to maintain a balance between Oxygen and Carbon dioxide</p> <p>In the diagram above , Label A,B ,C. A _____ , B _____ , C _____</p>	<p>3</p>
<p>Q.7</p>	<p>Draw a well labelled diagram of arrangement of particles in three states of matter.</p>	<p>3</p>
<p>Q.8</p>	<p>State the separation methods that can be used to separate</p> <ol style="list-style-type: none"> Separating peas from cooked pulao Sand and iron nails Husk from wheat 	<p>3</p>
<p>Q.9</p>	<ol style="list-style-type: none"> Distinguish between autotrophs and heterotrophs . Give one example of each. List any two steps you can take to save the environment. 	<p>3+2</p>
<p>Q.10</p>	<p>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 basis of various properties like appearance , transparency , diffusion , solubility etc</p> <ol style="list-style-type: none"> Define transparent materials . Identify material that will sink: pebble , iron nail , wood , pencil. Name a state of matter in which diffusion doesn't happen. Air is considered as matter . justify . 	<p>4*1=4</p>

<p>Q.6</p>	 <p>In the diagram above , Label A,B ,C. A _____, B _____, C _____</p>	<p>3</p>
<p>Q.7</p>	<p>Describe an activity to show that a solid can diffuse slowly into liquid .</p>	<p>3</p>
<p>Q.8</p>	<p>Buffaloes cool themselves in water during summer. Give reasons.</p>	<p>3</p>
<p>Q.9</p>	<p>i. Why do some material diffuse into one another . ii. Draw a well labelled diagram of arrangement of particles in three states of matter.</p>	<p>5</p>
<p>Q.10</p>	<p>Read the paragraph and answer the following questions:- There are certain material in nature that cannot be decomposed . It is important for us to segregate the two kind of materials biodegradable and non biodegradable materials and dispose them in eco-friendly manner .In some cities , a twin bin system has been introduced for welfare of environment. We should , therefore , convince our friends and family to take steps to save environment .</p> <p>i. Which colour bin is used for biodegradable and non biodegradable materials. ii. List any one step you can take to save the environment. iii. What do you understand by term vermicomposting. iv. Distinguish between biodegradable and non biodegradable material .(1 point)</p>	<p>4*1=4</p>



A

Class :VI

Subject :Science

Time: min.

M.M. :30

General Instructions:-

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

	Questions	Marks
Q.1	Tick the correct option i. c. Aluminium foil ii.b.Pebbles in rice iii. c. Sunflower iv.c. Green v.b.Sand	1*5=5
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	<p>Arrangement of particles in three states of matter</p>	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 . ii. Material that will sink: pebble , iron nail. iii.Solid state iv. Air is considered as matter because it occupies space and has mass .	4*1=4



B

Class :VI

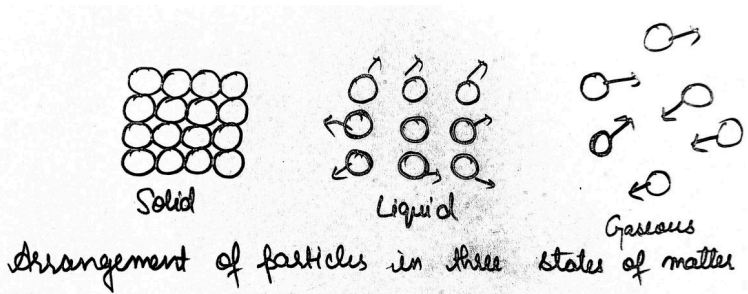
Subject :Science

Time: min.

M.M. :30

General Instructions:-

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

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

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