



OSDAV Public School, Kaithal  
May- 2024  
Class :VI  
Subject :Science

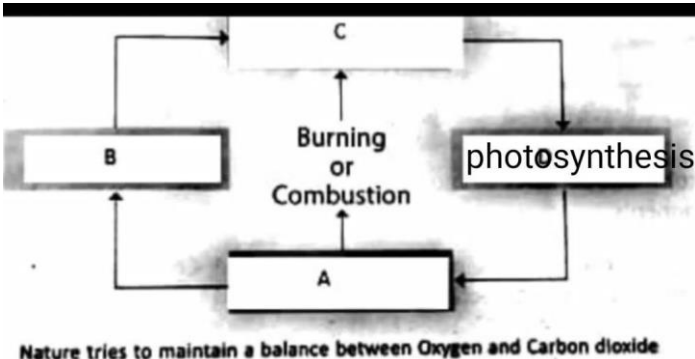
Set -A  
M.M. 20

Time:40 min.

General Instructions:-

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

	Questions	Marks
Q.1	<p><b>Tick the correct option</b></p> <p>i. Which of the following is a scavenger? a. Jackal                      b. Vulture                      c. Kite                      d. All of above</p> <p>ii. Which of the following is an example of a biodegradable waste? a) Plastic                      b) Glass                      c) Paper                      d) Aluminum</p> <p>iii..Decomposers include – a)Bacteria only                      b)Fungi Only c) Bacteria and Fungi                      d)Only the Scavengers</p> <p>iv. Which of the following is insoluble in water ? a)Mustard oil                      b)Sugar                      c)Carbon Dioxide                      d) Common Salt</p> <p>v. Your book is made up of matter, because it (a) Has mass                      (b) Occupies space (c) Occupies space and has some mass                      (d) Does not float on water</p> <p>vi. In which of the following cases would diffusion be the fastest? (a) Gas in another gas                      (b) Liquid in another liquid (c) A solid in a liquid                      (d) A gas in a liquid</p> <p>vii.Which of the following gas doesn't dissolve in water? a) oxygen                      b) Carbon dioxide                      c) nitrogen                      d) Hydrogen</p> <p>viii.. 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</p> <p>ix. Solubility of a solid —— with increase in its temperature. a. Increases                      b. Decreases                      c. Remains the same                      d. None of above</p> <p>x. Rain-water harvesting is helpful in a. Supplementing a city's water requirement b. Raise the underground water level &amp; increase greenery in the area c. Make underground water dirty d. Both a &amp; b</p>	1x10=10
Q.2	<p><b>Assertion/ Reason</b></p> <p>i)Assertion: Sand and Stones do not diffuse into each other Reason: Solid particles are held tightly and cannot 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 reason are true</p> <p>ii)Assertion – Buffaloes cool themselves in ponds during summer</p>	1x2=2

	<p>Reason – Buffaloes don't have sweat glands .</p> <p>a) Assertion is true and reason is false</p> <p>b) Assertion is false and reason is true</p> <p>c) Both Assertion and reason are false</p> <p>d) Both Assertion and reason are true</p>	
<p>Q.3</p>	<p>Answer the following questions in one line</p> <p>i. Define Natural materials.</p> <hr/> <hr/> <p>ii. State one reason why do solid have fixed shape and volume ?</p> <hr/> <hr/> <p>iii. Reorder the following to complete the food chain : Shark, fish, seal ,algae</p> <hr/> <hr/> <p>iv. Differentiate between Autotroph and heterotrophs (1 point )</p> <hr/> <hr/> <p>v. Which process help to spread scent of a perfume spread in our home?</p> <hr/> <hr/>	<p>1x5=5</p>
<p>Q.4</p>	<p>In the following diagram label A,B and C .</p>  <p>Nature tries to maintain a balance between Oxygen and Carbon dioxide</p> <p>A _____,                      B _____,                      C _____</p>	<p>3</p>



Time:40 min.

General Instructions:-

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

	Questions	Marks
Q.1	<p>Tick the correct option</p> <p>i. Which of these are insoluble in water ? a. Kerosene                      b. Mustard oil                      c. Ghee                      d. All of these</p> <p>ii. Solubility of a solid ——— with increase in its temperature. a. Increases                      b. Decreases                      c. Remains the same                      d. None of above</p> <p>iii. Humans, bears and pigs belong to this category a. Secondary consumers.                      b. Omnivores c. Herbivores                      d. Decomposers</p> <p>iv. Snail, tuna, dolphin and plankton (form) are a part of a. Food web                      b. Terrestrial food chain c. Aquatic food chain                      d. None of above</p> <p>v. Which of these is not used during photosynthesis? a. Water                      b. Sunlight                      c. Oxygen                      d. Chlorophyll</p> <p>vi. Which out of these can float in a tub of water? a. Plastic                      b. Spoon                      c. Flower petals                      d. Marbles</p> <p>vii. Diffusion does not happen in the following. a. Solids                      b. Liquids                      c. Gases                      d. All of these</p> <p>viii. 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</p> <p>ix. Which of the following is a set of transparent material? a. Air                      b. wood                      c. Paper                      d. Blackboard</p> <p>x. Which of the following is a scavenger? a. Jackal                      b. Vulture                      c. Kite                      d. All of above</p>	1x10=10
Q.2	<p><b>Assertion/ Reason</b></p> <p>i) Assertion: Rain water harvesting is a ray of hope for overcoming scarcity of water . Reason: Rain water harvesting can supplement the requirement of water in cities and raise sub-soil water level .</p> <p>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 reason are true</p>	1x2=2

	<p>ii)Assertion :In liquids, particles are loosely packed compared to solids. Reason: Liquids take the shape of their container because their particles are close together but can move past one another.</p> <p>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 reason are true</p>	
<p><b>Q.3</b></p>	<p>Answer the following questions in one line</p> <p>i. Which component of air gets ‘used-up’ during the process of photosynthesis?</p> <p>_____</p> <p>_____</p> <p>ii. Which state of matter cannot easily change its shape and volume Why?</p> <p>_____</p> <p>_____</p> <p>iii. Write any one activity that helps to save our environment .</p> <p>_____</p> <p>_____</p> <p>iv. Differentiate between Decomposer and scavenger (1 point )</p> <p>_____</p> <p>_____</p> <p>v. Name one gas each which is soluble and insoluble in water.</p> <p>_____</p> <p>_____</p>	<p><b>1*5=5</b></p>
<p><b>Q.4</b></p>	<p>In the following diagram label A,B,C .</p> <p>A _____, B _____, C _____</p>	<p><b>3</b></p>



OSDAV Public School, Kaithal  
First Unit Test (May,2024)

Class :VI  
Subject :Science

Set- A

Time: min.

M.M. :20

General Instructions:-

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

	Questions	Marks
Q.1	Tick the correct option i. d. All of above ii.c) Paper iii.c) Bacteria and Fungi iv. a)Mustard oil v. c) Occupies space and has some mass vi. a) Gas in another gas vii.d) Hydrogen viii.c)Sunflower ix. a) Increases x. d) Both a & b	1*10=10
Q.2	i) d) Both Assertion and reason are true ii) a)Assertion is true and reason is false	1*2=2
Q.3	i.Natural material are material that occur naturally.  ii. Solid have fixed shape and volume because force of attraction is strong , particles are tightly packed.  iii. Algae, fish,seal, Shark  iv.Autotroph can prepare their own food . Heterotroph can not prepare their own food . ( or any other relevant point)  v. Diffusion help to spread the smell of perfume	1*5=5
Q.4	A Oxygen , B Respiration C Carbon Dioxide	3



Time: min.

M.M. :20

General Instructions:-

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

	Questions	Marks
Q.1	Tick the correct option i.d. All of these ii. a. Increases iii.b. Omnivores iv. c. Aquatic food chain v. c. Oxygen vi.c. Flower petals vii.a. Solids viii. c. Sunflower ix. a. Air x. d. All of above	1*10=10
Q.2	Assertion/ Reason i) a) Both Assertion and reason are true ii) a) Both Assertion and reason are true	1*2=2
Q.3	Answer the following questions in one line i. Carbon Dioxide gas 'used-up' during the process of photosynthesis.  ii. Solids cannot change their shape and volume because they have strong force of attraction and particles are tightly packed.  iii. Grow more trees . Dump garbage in a pit . (Any other relevant point)  iv.Decomposer are microorganisms . They can convert dead animals into minerals Scavenger are large animal . They only eat dead animals and don't convert them into minerals  v. Soluble -Oxygen carbon dioxide and insoluble- Hydrogen , helium	1*5=5
Q.4	A Animals / Consumer , B Decomposers/ Microbes C Soil	3