



Primrose Schools

ICSE Curriculum
(A Unit of Primrose Educational Trust, Chennai)
An ISO 9001:2015 Certified Institution

State Purpose of Worksheet – Alternative worksheet 2 [2019 – 2020]

[KG Class work/Home Assignment/Alternate worksheet/ Revision Test/Internal Assessment/Formative Assessment/Summative Assessment/Preboard]

Name:	Std: VII	Subject: Chemistry
Date:	Term: III	Topic: Air and Atmosphere
Maximum Marks:NA	Time Duration: 20mins	Type of Assessment (alternate assessment):NA

I. Fill in the blanks.

- 1) The substance which pollutes the air is called _____.
- 2) Air is _____mixture of several gases (homogeneous/ heterogeneous)
- 3) _____ is a substance that increases speed of reaction
- 4) Combustible substances like _____ react with oxygen rapidly produce a large amount of heat and light energy
- 5) _____ is an essential component of proteins and amino acids
- 6) The process of conversion of free atmospheric nitrogen into usable compounds is called _____
- 7) _____ is an essential for plants because they making their food
- 8) Carbon dioxide is present in both _____ and _____ states
- 9) The continuous exchange of carbon dioxide in the atmosphere is known as _____
- 10) Water vapour present in the air is known as _____

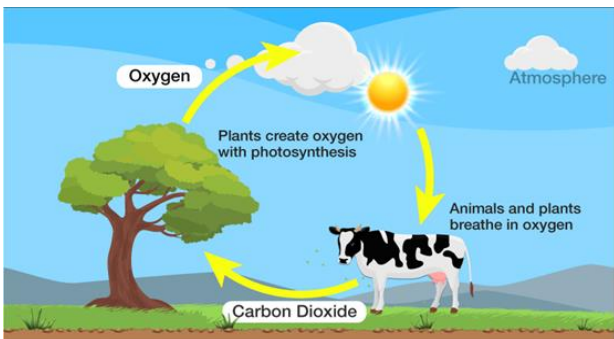
II. Choose the correct answer.

- 1) Oxygen is chemically _____ (active/inactive) gas.
- 2) When a substance without being ignited by spark begins to burn on its own, it is called _____ (spontaneous/non spontaneous) oxidation.
- 3) Oxygen reacts with food to form carbon dioxide, water vapour and energy the process is called _____ (respiration/oxidation)
- 4) The material is burnt with a nonvolatile oxide, the mass will _____ (increase/decrease)

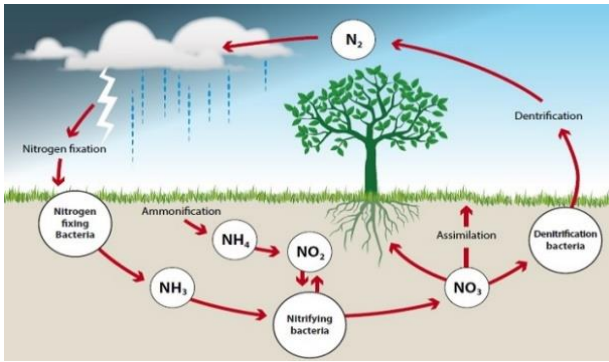
III. State true or false.

1. Respiration takes place outside the body _____ (True/False)
2. Combustion is fast process _____ (True/False)
3. Rusting is a very slow oxidation process _____ (True/False)
4. Atmospheric oxygen is not used by living organism _____ (True/False)

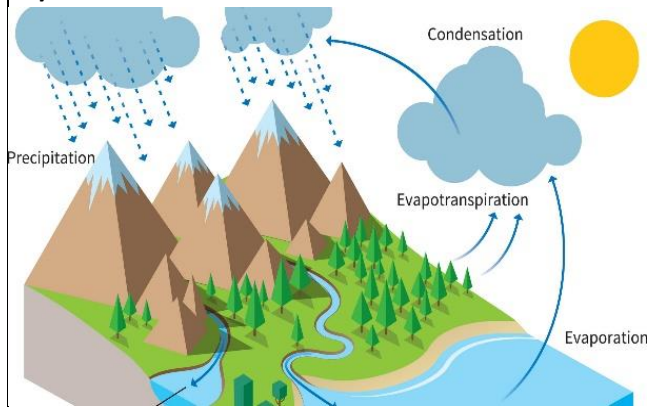
IV. Identify the following cycles and explain it.

<p>1)</p>  <p>The diagram illustrates the oxygen cycle. On the left, a green tree is shown with a yellow arrow pointing upwards from it to a cloud labeled 'Oxygen'. Text next to the tree says 'Plants create oxygen with photosynthesis'. On the right, a black and white cow is shown with a yellow arrow pointing downwards from it to a cloud labeled 'Carbon Dioxide'. Text next to the cow says 'Animals and plants breathe in oxygen'. In the center, a sun is shown with a yellow arrow pointing downwards from it to the cow. The background is a blue sky with clouds and a green field with a brown tree trunk. The word 'Atmosphere' is written in the top right corner of the diagram area.</p>	
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2)



3)



4)

