3rd Term Worksheet [2018 – 19]

Subject – Chemistry

Class – VI

Name : **Sec. :**

Chapter – 5
[Air and Atmosphere]

Check Point:

[A] Answer the following questions: [95]

1. Why is air considered as mixture?

Ans. _____

2. Which constituent of air supports burning?

Ans. _____

3. Which gas forms the largest constituent of air?

Ans. _____

4. Name the various constituents of air.

Ans. _____

5. Why is air compressible?

Ans. _____

Keywords: **[101]**

Atmosphere: _____

Compress: _____

Combustion: _____

Pollution: _____

Inhaled air: _____

Exhaled air: _____

Fuel: _____

Photosynthesis: _____

_____

Rusting: _____

_____

Galvanizing: _____

_____

Electroplating: _____

_____

Exercise: **[102-103]**

[A] **Multiple Choice Questions:** [102]

(i) The gas whose percentage is maximum in air is

(a) oxygen (b) nitrogen

(c) carbon dioxide (d) water vapour

(ii) Air is a

(a) mixture (b) compound

(c) element (d) non-metal

(iii) Nitrogen is necessary for

(a) photosynthesis (b) respiration

(c) growth of plants (d) burning

(iv) Air pollution is largely due to

(a) animal activity (b) human activity

(c) plants (d) none of these

(v) Some new car engines made to avoid air pollution use

(a) diesel (b) unleaded petrol

(c) kerosene (d) none of these

[B] Fill in the blanks: [102]

1. The cover of air around the earth is called _____.
2. Air occupies _____ and has _____.
3. Air is a _____ of gases.
4. The supporter of combustion in air is _____.
5. Green plants need _____ gas to prepare their food.
6. Air is useful to man in _____ ways.

[C] Match the Column A with Column B: [103]

	Column A		**Column B**
1.	Oxygen	a.	plants use to make their food
2.	Nitrogen	b.	helps in burning
3.	Carbon dioxide	c.	needed for the growth of plants
4.	Water vapour	d.	1% of the total composition of air
5.	Other gases and dust particles in air	e.	accounts for the humidity of air

[D] Write T for True and F for False statements. [103]

1. Air is a compound of different gases. _____
2. Air cannot be compressed. _____
3. Nitrogen is the major component of air. _____
4. Various harmful gases spread in air. _____

5. Polluted air is good for breathing. _____

6. Excess of dust particles helps us to have good health. _____

[D] Answer the following questions: [103]

1. How will you show that an empty glass bottle is filled with air?

Ans- _____

2. How will you show that air contains water vapour?

Ans- _____

3. Mention five uses of air.

Ans- _____

4. How will you show that air is needed for burning?

Ans- _____

5. Why do mountaineers and divers carry oxygen cylinders with them?

Ans- _____

6. What makes air impure?

Ans-

7. What do you know about ‘greenhouse effect’?

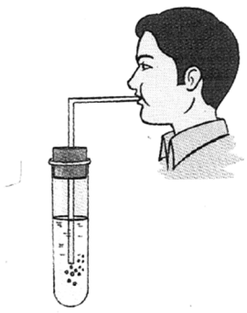
Ans-

8. What is global warming?

Ans-

9. How can we control air pollution?

[G] The diagram below represents an experiment to show the presence of a component of air. Answer the questions that follow the diagram. [103]



1. What do you observe after completion of the experiment?

Ans. _____

2. What conclusion do you draw from the above observation?

Ans. _____

3. Can you get a similar observation with any other component of air?

Ans. _____