

Name: \_\_\_\_\_ Grade: III Branch: \_\_\_\_\_ Date: 23/04/20

## Subject: Science

### Air Pollution – Effects, causes and Prevention

**Introduction:** *The presence of unwanted, harmful substances in the air is termed as **Air Pollution**. All additional gases, particles or odour in the air can be termed as **Pollutants**..*

#### **Effects of Air Pollution:**

- 1. Some of the pollutants in the air can be harmful to the health for human beings. Chemicals like benzene, vinyl chloride in the air can cause diseases like cancer, birth defects, long term injuries to lungs and death.*
- 2. Breathing polluted air may cause infection in eyes and nose.*
- 3. Air pollution due to traffic is the main reason behind an increase in the no. of asthma patients.*
- 4. Chemical pollutants in the air when mixed with rain forms acid rain which is harmful for all living beings.*
- 5. Acid rain destroys trees, crops, farms, animals and also pollutes water bodies. Smog is formed by combination of fog and smoke. It can be very harmful for those who breathe it. It contains harmful pollutant called **Ozone** which is very harmful for our lungs.*

#### **How can we Prevent and control Air Pollution?**

- 1. The chimneys in the industries should be made sufficiently tall.*
- 2. Coal should be used as less as possible.*
- 3. Vehicles must be designed with emission control system. Vehicles must get regular maintenance checks.*
- 4. Recycle newspaper, aluminum and plastic waste.*
- 5. Use energy efficient appliances.*
- 6. Plant more and more trees.*

**Q.1. What is air pollution?**

A. \_\_\_\_\_  
\_\_\_\_\_

**Q.2. Which harmful pollutant is present in Smog?**

A. \_\_\_\_\_

**Q.3. Unscramble the following words:**

a. EBZNEEN = \_\_\_\_\_

b. LYNIV LHCIRODE = \_\_\_\_\_

**Q.4. How acid rain is formed?**

A. \_\_\_\_\_  
\_\_\_\_\_

**Q.5. Which part of the sense organs will get affected when we breathe polluted air?**

A. \_\_\_\_\_

**Q.6. Give 2 reasons to control air pollution.**

A. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Q.7. Which fuel should be used less to control air pollution?**

A. \_\_\_\_\_

**Q.8. Make a poster on "Air Pollution".**