

# WORKSHEET 1

## CHAPTER 16 – POLLUTION

### A. Name the following.

1. The chemicals leading to the formation of ozone hole.
2. The gases which mainly contribute for causing acid rains.
3. The element which causes radiations.
4. Increase in concentration of certain non-biodegradable substances in higher trophic levels of a food chain.
5. The gas that reduces  $O_2$  carrying capacity of the blood.

### B. Match the items in Column A with those in Column B and write down the matching pairs.

#### Column A

1. Greenhouse effect
2. PAN
3. Acid rain
4. Sulphur dioxide
5. Biomagnification

#### Column B

- a. Peroxyacetyl nitrate
- b. Necrosis of vegetation
- c. Decrease in bird population
- d. Rise in temperature
- e.  $SO_2$  and  $NO_2$

### C. Fill in the blanks.

1. \_\_\_\_\_ exhaust is a major air pollutant.
2. \_\_\_\_\_ causes corrosion of marble or brick surface.
3. Ozone protects the life from \_\_\_\_\_
4. Oxides of \_\_\_\_\_ and \_\_\_\_\_ dissolve in water to form acid rains.
5. \_\_\_\_\_, \_\_\_\_\_ and water vapours constitute greenhouse gases.

### D. State whether the following statements are True or False.

1. Man is the only source of environment pollution.
2. All pollutants are degradable.
3. All types of wasteland can be reclaimed.
4. Underground water is safest and not polluted.
5. DDT is a non-degradable pollutant.

Name: .....

Teacher's signature: .....

Class: ..... X .....

Date: .....

E. The given figure shows a type of pollution. Answer the following.



1. What kind of pollution is shown in the figure?
2. Write the sources of this pollution.
3. What are the effects of it? Give three points.
4. How would you control it?

# ANSWERS

## WORKSHEET 1

### A. Name the following.

1. CFC
2. Sulphur dioxide and nitrogen oxides
3. Uranium
4. Biomagnification
5. Carbon monoxide

### B. Match the items in Column A with those in Column B and write down the matching pairs.

1. d.                      2. a.                      3. e.                      4. b.                      5. c.

### C. Fill in the blanks.

1. Vehicle
2. Acid rain
3. UV radiation
4. nitrogen and sulphur
5. Carbon dioxide, methane

### D. State whether the following statements are True or False.

1. False                      2. False                      3. False                      4. False                      5. True

### E. The given figure shows a type of pollution. Answer the following.

1. Air pollution
2. Vehicles and industries
3. a. It damages respiratory tract of human.  
b. Hydrocarbon causes cancer.  
c. It reduces crop yield.
4. a. Particulate matter should be controlled by scrubbers.  
b. Sulphur free fuel should be used.