

Dr. M.K.K. Arya Model School

Unseen Passage

Worksheet- 1

Class – VI

Read the passage carefully and answer the following questions:

For millions of years the earth's atmosphere has not changed very much. Layers of gases have shielded the earth from harmful effects of sun's rays. But now things are changing. Every day we burn huge amounts of wood, coal, oil and gas. When they burn, those fuels give off a gas called carbon dioxide.

Plants use carbon dioxide to make food, but there's already too much for them to use. So the extra gas just stays in the atmosphere. It lets the heat of the sun through to the earth, but doesn't let it escape back into the space. The heat thus trapped warms up the earth. This warming is called 'greenhouse effect'.

There's another reason for earth's warming up. The ozone layer, which protects the earth from the harmful rays of the sun, is being damaged. Chemicals used in aerosol sprays refrigerators; some plastics and other products damage the ozone layers so that more of the heat and harmful rays from the sun can reach the earth.

If the earth goes on warming up, some of the ice at the north and south poles could melt and flood the low-lying land. Moreover, many living things would not be able to get used to a warmer climate. Scientists believe the ozone layer will eventually repair itself if we stop using harmful chemicals. The most important thing is to make sure less carbon dioxide gas goes into the atmosphere. That way, the north and south poles will stay icy cold.

A. Tick the option you consider the most appropriate.

- a. The earth is warming up. This is happening due to
- | | |
|--------------------------|------------------------------|
| i. low amount of oxygen | ii. excess of oxygen |
| iii. low amount of ozone | iv. excess of carbon dioxide |
- b. "Doesn't let it escape". Here 'it' refers to
- | | |
|-------------------|------------------|
| i. carbon dioxide | ii. the sunlight |
| iii. solar heat | iv. ozone |
- c. The ozone layers can repair itself
- | | |
|----------------------------------|---|
| i. with the passage of time | ii. if we cut down the use of harmful chemicals |
| iii. with the help of scientists | iv. when the polar ice cools the earth |

- d. The expression "That way" (last line) refers to
- i. the scientific way
 - ii. more carbon dioxide emission
 - iii. less carbon dioxide emission
 - iv. melting of polar ice
- e. The word 'eventually' can be replaced by
- i. slowly
 - ii. quickly
 - iii. ultimately
 - iv. surely

B. Given below is the summary of the first two paragraphs of the passage. Complete it by writing the missing word against the correct blank number in the space provided.

Layers of gases (a) _____ the earth from the harmful effects of sun's rays, have not allowed the earth's atmosphere to (b) _____ much. But now (c) _____ of large amounts of wood, coal, oil and gas is (d) _____ more carbon dioxide in the atmosphere than ever before. (e) _____ cannot use this extra gas (f) _____ making their food. As a result it continues to stay (g) _____ and contributes to increased _____ on the earth's surface. This increased (i) _____ on the earth's surface is called (j) _____ effect.