

## MODEL QUESTION 9

Unit: 5, lesson: 3

Read the following passage and answer the questions following it

Human can neither change the sun's radiation nor the earth's orbit around the sun. But man can control the increase in the amount of greenhouse gases and its effect on the atmosphere. Only during the last hundred years the carbon di oxide concentration has been raised alarmingly in the atmosphere and we humans can be held responsible for this.

The main cause of the increase in carbon dioxide level in the atmosphere is the burning of fossil fuels. Since the end of the 19<sup>th</sup> century, industrial activities increased rapidly giving rise to many factories. These factories required energy, which was produced through the combustion of coal. Besides coal, other sources of energy such as mineral oil and natural gas were also burned to heat our houses, move cars and airplanes or to produce electricity. Nowadays, about 85 million barrels of crude oil are burned daily. Every time a fossil raw material is burned, it releases carbon dioxide into the air.

Therefore, it is clear that more and more greenhouse gases like carbon dioxide are being generated worldwide by humans. Moreover, we are also strengthening the greenhouse effect by deforestation which means cutting down trees. Every year enormous areas of forests are destroyed by people to obtain wood and to clear regions for mining and to create pasture. This loss of the forest causes dual problems. Trees that are burned down release a large volume of carbon dioxide storehouse is destroyed with the forests as forests absorb a lot of carbon dioxide from the air and deliver oxygen instead.

1. Choose the correct answer from the alternatives.

1x7=7

- (a) The word **radiation** refers to \_\_\_\_\_  
(i) radio                      (ii) emanation                      (iii) radioactive                      (iv) sparkle
- (b) The word **combustion** refers to \_\_\_\_\_  
(i) burning                      (ii) sparking                      (iii) transfer                      (iv) communion
- (c) The word **raw** refers to \_\_\_\_\_  
(i) verdant                      (ii) row                      (iii) ripe                      (iv) mature
- (d) The word **enormous** refers to \_\_\_\_\_  
(i) small                      (ii) tiny                      (iii) meager                      (iv) huge
- (e) The word **pasture** refers to \_\_\_\_\_  
(i) grazing land                      (ii) pond                      (iii) living place                      (iv) orchard
- (f) The word **absorb** refers to \_\_\_\_\_  
i) meditation                      ii) to leave out                      iii) to suck in                      iv) dissipate



# English Language Zone

JSC, SSC & HSC English

592 North Shahjahanpur, Dhaka. 01772828790

- (g) Which statement is correct?
- (i) Factories produce energy through the combustion of trees
  - (ii) Factories produce energy through the combustion of coal
  - (iii) Factories produce energy through the combustion of plants
  - (iv) Factories produce energy through the combustion of straw
- (h) The word “**loss**” is a/an \_\_\_\_\_
- i) noun
  - ii) adjective
  - iii) adverb
  - iv) verb
- (i) Enormous areas of forests are destroyed \_\_\_\_\_
- i) monthly
  - ii) weekly
  - iii) daily
  - iv) yearly
- (j) The contextual meaning of the word '**concentration**' is \_\_\_\_\_
- i. attention
  - ii. submission
  - iii. deliberation
  - iv. accumulation
- (k) Mining is necessary for \_\_\_\_\_
- i. Energy resources
  - ii. digging minerals out
  - iii. development of the country
  - iv. lifting up natural gas
- (l) Which of the following best describes the similarity between burning of fossil fuels and cutting down of trees?
- i. Radiation
  - ii. Emission of carbon dioxide gas
  - iii. Famine
  - iv. Loss of energy.
- (m) What do forests consume?
- i. carbon dioxide
  - ii. oxygen
  - iii. hydrogen
  - iv. none
- (n) Why do you think human should be responsible for concentration of carbon dioxide?
- i. because human lives on earth
  - ii. because human uses fossil fuels
  - iii. because the earth moves round the sun
  - iv. because the earth has atmosphere
- (o) What does the expression "**We humans can be held responsible for this**" mean?
- i. As the best creation, human beings are bound to save the earth.
  - ii. We have the responsibility to protect the atmosphere.
  - iii. We are exhaling carbon dioxide into the atmosphere.
  - iv. We are increasing carbon dioxide in the atmosphere through our unwise and destructive activities.

- (p) Due to industrial revolution \_\_\_\_\_ have increased to a great extent.
- i. unemployment problem      ii. habitations      iii. forestation      iv. factories
- (q) The main cause of the increase in carbon dioxide level in the atmosphere is \_\_\_\_\_
- i. deforestation      ii. destruction of forests      iii. the burning of fossil fuels      iv. desertification
- (r) The main purpose of the author of this passage is \_\_\_\_\_
- i. to show humans' dominating power over nature
- ii. to show industrial development all over the world
- iii. to show the causes of deforestation
- iv. to show the responsibility of human beings in strengthening greenhouse effect
- (s) The things which are impossible for man are -
- i. to change the sun's radiation      ii. to change the rays of the sun
- iii. to change the earth's orbit      iv. all the above
- (t) Which of the following best describes the process in which carbon dioxide is getting increased in the atmosphere?
- i. Trees are producing carbon dioxide.
- ii. Factories and various vehicles burning different types of fuels produce huge amount of carbon dioxide.
- iii. Human beings and animals are producing a lot of carbon dioxide.
- iv. Forests are responsible for increasing amount of carbon dioxide.
- (u) In the last paragraph, it is said that, "**This loss of the forest causes dual problems**". What is meant by this?
- i. Trees produce carbon dioxide and thus strengthens greenhouse effect.
- ii. Owing to the burning of forests a great amount of carbon dioxide is produced and at the same time the medium of absorbing carbon dioxide gets lost.
- iii. Vehicles are increasing and the environment is being polluted.
- iv. Industrial activities are giving rise to a great number of factories and thus are polluting.
- (v) Which statement describes the main reason behind increasing the greenhouse effect?
- i. Tree plantation can help rise of greenhouse effect
- ii. The greenhouse effect can be reduced due to deforestation,
- iii. Natural calamities are responsible for greenhouse effect
- iv. The greenhouse effect is enhanced owing to cutting down trees





**3. Fill in the blanks with suitable words**

**1x5=5**

Global warming is a great (a) \_\_\_\_\_ to our fish population. Climate change is (b) \_\_\_\_\_ the water temperature. Fishes play a vital role as main (c) \_\_\_\_\_ of protein. Forty percent of people of the world depend on it. We should take (d) \_\_\_\_\_ efforts to reduce greenhouse gas (e) \_\_\_\_\_

