

République Algérienne Démocratique et Populaire
Ministère de l'Enseignement Supérieur et de la Recherche Scientifique
Concours National pour l'obtention de bourses de formation post-graduée
à l'étranger au titre de l'année universitaire 2008-2009

EPREUVE DE LANGUE ANGLAISE (variante 02)
Durée: 1 heure

Scientists have recently reported that the polar ice caps are melting due to a rise in atmospheric temperatures known as the "Greenhouse Effect". According to Melvin Calvin, who won a Nobel Prize for earlier research, the carbon dioxide given off when coal and oil are burned is accumulating in the atmosphere and causing temperatures to rise. As a result, the ice covering the north and south poles is melting and may eventually lead to a rise in sea levels which could flood many areas in the world, including New York, London and Tokyo.

The "Greenhouse Effect" is just one of many fundamental changes which are taking place in the environment. Tropical rain forests which took fifty million years to grow are being reduced at the rate of fourteen acres per minute. The world deserts are growing year by year. Scandinavia's beautiful lakes are becoming lifeless due to acid rain caused by sulphur dioxide emissions from factories in West Germany and Great Britain. Many species of animals and plants are threatened with extinction.

In presenting the results of 'Global 2000', the US Government's most comprehensive study of the future, Edmund Muskie, said, "World population growth, the degradation of the earth's natural resources, and the spread of environmental pollution collectively threaten the welfare of mankind. Words alone, however, will not solve the problem. If governments do not act quickly and decisively to protect the environment, this planet will soon become uninhabitable.

من أجل الرقي بالبحث العلمي

I. Comprehension questions (6 points)

1. Give a title to the text.
2. What are the main phenomena which threaten life on earth?
3. What is the "Greenhouse Effect"?
4. What will happen to the earth if decisive measures are not taken?

II. Vocabulary

Find synonyms to the following words from the text: (4 points)

1. inundate 2. increasing 3. happening 4. expansion

III. Grammar

A. Write the following sentence in the passive voice : (2 points)

Pollution threatens human beings.

B. Write the following sentence in the interrogative : (2 points)

Peter wrote a coherent essay.

IV. Paragraph writing (6 points)

Write a paragraph showing how the problem of the environment can be solved.