

(دورة جوان 2006)

امتحان بكالوريا التعليم الثانوي

المدة : ساعتان

الشعبة : علوم الطبيعة والحياة + علوم دقيقة + تكنولوجيا

اختبار في مادة الإنجليزية — لغة أجنبية ثانية —

SECTION ONE : READING COMPREHENSION

(8 points)

Read the text carefully then do the activities.

High above the earth's atmosphere there is a thin veil in the stratosphere called the Ozone layer which protects the earth from the sun's destructive ultraviolet (UV) rays.

This protective layer is being damaged by chemicals known as chloro-fluoro-carbons (CFCs) which are released into the atmosphere by the daily use of such industrial and household products as refrigerators, air conditioners, foam isolation, cleaning chemicals and food packaging. The CFCs rise into the Ozone layer where the sunlight decomposes them releasing chlorine. The chlorine attacks the Ozone molecules, thinning or making a 'hole' in the Ozone layer. The 'hole' allows more UV rays to reach the earth.

Overexposure to UV rays can increase the risk of skin cancer, weaken the immune system, and damage the retina. It is estimated that in the United States alone, one in six Americans will develop skin cancer as a result of overexposure to UV rays.

Not only are humans at risk; so, too, are animals, plants and the environment in general. With the thinning of the Ozone layer, UV rays can penetrate the oceans, seriously impairing the growth of plankton, an essential part of the marine life food chain, and can reduce the yields of economically important crops such as soybeans, cotton and rice.

1. How many verbs are used in the passive voice in the second paragraph?

2. Are the following statements True or False ?

- a) CFCs protect the Ozone layer.
- b) A 'hole' in the Ozone layer could cause skin cancer.
- c) UV rays can harm plants and animals.
- d) All sunrays are good for health.

3. Answer the following questions according to the text.

- a) What is the Ozone layer?
- b) What is happening to the Ozone layer?
- c) What are the effects of UV rays on the environment?
- d) What can be the effects of overexposure to UV rays on man?

4. In which paragraph is it mentioned that ...

- a) man is responsible for the destruction of the Ozone layer?
- b) the 'hole' affects all living creatures?

5. Find in the text words, expressions or phrases whose definitions follow:

- a) defends, keeps safe from harm (§1)
- b) go upwards, get higher (§2)

6. Give a title to the text.

SECTION TWO : MASTERY OF LANGUAGE**(8 points)****1. Supply punctuation and capitals where necessary.**

the ozone layer which protects life from ultraviolet radiation is being depleted much faster than we first thought

2. Which nouns and adjectives can be derived from the following verbs?

	Verb	Noun	Adjective
Example	to save	safety	safe
	to destruct		
	to use		

3. Add two more words to the list.

- Earth - Atmosphere

4. Rewrite sentence (b) so that it means the same as sentence (a).

1(a) The Ozone layer is being damaged by chemicals.

1(b) Chemicals

2(a) Chlorine attacks the Ozone molecules.

2(b) The Ozone molecules

3(a) Astronauts say, 'The Planet looks beautiful. It is just like a blue and white jewel.'

3(b) Astronauts say that

5. Combine these two sentences into one using 'if'.

- UV rays penetrate the oceans.

- Marine life is damaged.

6. Classify these words according to the pronunciation of their final 's'.

/ crops / allows / chemicals / decomposes

SECTION THREE : WRITTEN EXPRESSION**(4 points)**

Write a composition of about 80 – 120 words on one of the following topics.

Either topic one:

Using the following notes, write a composition.

The face of your town, village or country has been altered in the past few years. Describe the causes of these changes and their effects.

Causes: Factories, means of transport, household waste, etc.

Effects: Breathing problems, dirty environment, senses affected, etc.

Or topic two:

Protecting the environment and fighting pollution of all kinds is now a major concern in many countries. What measures could be taken by governments to protect the environment?