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Chemicals at War against Man

In the modern world, different forms of pollution take oxygen from the air, rivers and oceans. In our cities, vehicles and factories swallow oxygen, and their fumes poison the air with carbon dioxide (CO₂). This urban pollution spoils the air we breathe. It is the major cause of diseases such as lung and skin cancers .If nothing is done to reduce carbon dioxide emissions, most of us will die of these diseases.

In the countryside, fertilizers which contain phosphorus and nitrogen spill over into rivers. As a result, fish is dying in increasing numbers, and aquatic life is suffocating from lack of oxygen.

Rural pollution is as dangerous to man as urban pollution. For example, scientists at the University of Rochester (USA) have found that most pesticides used on food crops are toxic, and some of them are the main cause of Parkinson's disease, an incurable illness that afflicts one million Americans.

PART ONE: READING / INTERPRETING: (15pts)

A- Reading comprehension :(7pts)

Read the text and do the following activities.

- 1- How many sentences are in the passive form in the first paragraph?
- 2- Answer these questions according to the text.
 - a- How do vehicles and factories poison the environment?
 - b- Which gas is responsible for air pollution?
 - c- What are the main diseases caused by pollution in towns?
- 3- In which paragraph is it mentioned that marine life is seriously affected by pollution?
- 4- Give another title to the text.

B- Text –Exploration (8pts)

- 1- Find in the text the synonyms of the following words.

a- Various =..... b- illnesses =..... c- principal =.....

- 2- Find in the text the opposites of the following words.

a- rural #..... b- reducing #..... c-safe #.....

3- Complete the following table.

Noun	Verb	Adjective
difference
.....	Pollute
.....	Dangerous
Poison

4 -Ask questions about the underlined words.

- a- Urban pollution spoils the air.
b- Parkinson's disease is an incurable illness.

5- Classify the following words according to the pronunciation of their final 's'

Diseases - vehicles - factories -crops -scientists

' S'	'z'	'iz'

PART TWO: WRITTEN – EXPRESSION: (5pts)

Write a composition of about 120 words on the following topic.

What should people do to preserve their environment?