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Ghalmi Abdelkader Secondary School — *Date: March 2nd,2020*
Level: 1st Year Scientific Stream — *Duration: 2 Hours*

Second Term English Exam

Part One: Reading

A/ Comprehension

Read the text carefully then do the activities below

Fossil fuels such as oil, coal and natural gas exist, and provide a valuable service. However, it is the side effects of using them that causes all of the problems. Burning fossil fuels creates carbon dioxide, the number one greenhouse gas contributing to global warming. Combustion of these fossil fuels is considered to be the largest factor to the release of greenhouse gases into the atmosphere. In the 20th century, the average temperature of Earth rose 1 degree Fahrenheit (1°F). **This period** saw the most prolific population growth and industrial development which was and remains totally dependent on the use of energy in Earth's history.

The impact of global warming on the environment is extensive and affects many areas. In the Arctic and Antarctica, warmer temperatures are causing the ice to melt **which** will increase sea level and change the composition of the surrounding seawater. Air pollution is also a direct result of the use of fossil fuels, resulting in smog and the degradation of human health and plant growth.

Adapted from http://www.ecolog::y.com/2011/09/06/fossil-fuels

1- Say whether the following statements are true or false. Write T or F next to the corresponding statement

a- Fossil fuels have both positive and negative effects.
b- Burning coal, oil and natural gas creates O_2.
c- Global warming influences many places in the world.
d- Air pollution doesn't harm the human health.

2- Read the text and put the following ideas in the order they appear in the text

a- The main result of the exploitation of fossil fuels.
b- The creation of CO_2 causes global warming.
c- The effects of global warming on the surroundings.

3- Answer the following questions according to the text

a- What does the burning of fossil fuels cause?
b- When did the earth's temperature rise with 1°F?
c- Is the effect of global warming widespread? Justify

4- Who or what do the underlined words refer to in the text?

a- this period (§1) b- which (§2)

5- Choose the general idea of the text

a- The greenhouse effect
b- The consequences of burning fossil fuels
c- Air pollution

B/ Text Exploration

1- Find in the text words or phrases opposite in meaning to the following

a- solutions (§1) b- drop (§2)

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2- Complete the following chart as shown in the example

Word	*Prefix*	*Root*	*Suffix*
Example: depopulation	de	populate	ion
Increasing	.....	.....	.....
Dependent	.....	.....	.....
Unemployment	.....	.....	.....

3- Give the correct form of verbs in bracket

The burning of fossil fuels**(to cause).**..... a great deal of pollution in our environment. If man **(to use)** .....renewable energies , there **(to be)**.....less pollution.

4- Classify the following words according to the pronunciation of the final "s "

fuels - creates - causes - areas

/ s /	/ z /	/ iz /

5- Fill in the gaps with words from the list given

increases - Carbon - main - atmosphere

Every day, the world produces ……1……Dioxide that is released into the Earth's ……2…… and which will still be there in one hundred years time. This rise of Carbon Dioxide ……3… the heat of our planet and is the ……4…….cause of the so called "Global Warming Effect".

Part Two: Written Expression

Choose <u>ONE</u> topic only

Topic One: Many companies and even people are cutting down trees in an intensive way in search of wood; as a result, many forests are degraded and this act has a negative influence on the life of all creatures. As a member of "The Friends Of Nature" association, write an article of about 80 to 100 words in which you state the different effects of deforestation on humans, animals and on the atmosphere.

Make the best use of the following notes.

- Earth/ to become / desert
- There/ to be / less o_2 / more co_2 / atmosphere
- Plant and animal species/ to disappear
- Climate / to change
- There / to be/ less camping sites

Topic two:

You were walking in the street and suddenly a car ran over a small girl who was playing with her ball in the road. Write a report of about 80 to 100 words in which you tell us how the accident happened and if there were human and material losses.

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