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Essadek Makhlouf Secondary School –Ain Smara -
Classes: 2nd Year Empirical Sciences 2 + Technical Mathematics

School Year: 2022/ 2023
Duration: 2 hours

The Third Term Examination of English

Part One: READING (15 Points)

Read the text carefully and do the activities.

On 6 February 2023, at 04:17 TRT (01:17 UTC), a magnitude of 7.8 of the Richter scale earthquake struck southern and central Turkey and northern and western Syria. The epicenter was 37 km west–northwest of Gaziantep. The earthquake had a maximum intensity around the epicenter and in Antakya. It was followed by a7.7 earthquake at 13:24. This earthquake was centered 95 km north-northeast from the first. There was widespread damage and tens of thousands of fatalities.

The 7.8 earthquake is the largest in Turkey since the 1939 Erzincan earthquake of the same magnitude, and jointly the second-strongest recorded in the history of the country, after the 1668 North Anatolia earthquake. It was felt as far as Egypt and the Black Sea coast of Turkey. There were more than 10,000 aftershocks in the three weeks that followed.

There was widespread damage in an area of about 350,000 km2 (about the size of Germany). An estimated 14 million people, or 16 percent of Turkey's population, were affected. Development experts from the United Nations estimated that about 1.5 million people were left homeless.

The confirmed death toll stood at 59,259: 50,783 in Turkey and 8,476 in Syria. It is the deadliest earthquake in what is now present-day Turkey since the 526 Antioch earthquake and the deadliest natural disaster in its modern history. It is also the deadliest in present-day Syria since the 1822 Aleppo earthquake; the deadliest worldwide since the 2010 Haiti earthquake; and the fifth-deadliest of the 21st century. Damages were estimated at US$104 billion in Turkey and US$14.8 billion in Syria, making them the fourth-costliest earthquakes on record.

Damaged roads, winter storms, and disruption to communications hampered the Disaster and Emergency Management Presidency's rescue and relief effort, which included a 60,000-strong search-and-rescue force, 5,000 health workers and 30,000 volunteers. Following Turkey's call for international help, more than 141,000 people from 94 countries joined the rescue effort.

From *www.wikipedia, the free encyclopedia*

A) COMPREHENSION (8pts)

1. Choose the correct answer. 1 pt
The text is ..... : a) a newspaper article b) a web article c) a magazine article

2. Are the following statements true or false? Write **T** or **F** next to the letter corresponding to the statement. 2 pts
a) The shaking of earth struck southern and central Turkey and northern and western Syria.
b) The most intense earthquake of Turkey was recorded more than three centuries ago.
c) The number of the dead people approached 50,000 in both countries.
d) Nearly 100 nations gave assistance to Turkey in the rescue effort.

3. Answer the following questions according to the text. 3 pts
a) Was the earthquake a violent catastrophe? Justify.
b) How many people were affected by the wide range of tremors?
c) How Turkey and the international community reacted to such a natural disaster?

4. Who/what do the underlined words refer to in the text? 1pt
a) It (§1) b) which (§5)

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5. In which paragraphs are mentioned the following ides? 1 pt
a) the number of casualties and the financial losses of the catastrophe
b) the world effort to give relief to the earthquake's victims

B/ TEXT EXPLORATION *(7pts)*

1. Find in the text words or phrases whose definitions follow. 1.5 pt
a) the point on the earth's surface where the effects of an earthquake are felt more strongly : ..... (§1)
b) happening over a large area or among many people : ..... (§3)
c) prevented somebody from easily doing or achieving something : ..... (§5)

2. Rewrite sentence b) so that it means the same as sentence a). 3 pts
1. a) The journalist wrote, "It was followed by a 7.7 earthquake at 13:24."
   b) The journalist wrote that .....
2. a) "It is also the deadliest in present-day Syria since the 1822 Aleppo earthquake", he added.
   b) He added that .....
3. a) "The country will rebuild the affected area", the Turkish president declared.
   b) The Turkish president declared that .....

3. Underline or cross the silent letters in the following words. 1 pt
isles - muscle - breakthrough - exhaustive

4. Fill in the gaps with words from the list given. 1 pt
atmospheric - change - followed - glance - hot - surface

A volcano is a rupture in the crust of a planetary-mass object, such as Earth, that allows .....1..... lava, volcanic ash, and gases to escape from a magma chamber below the .....2..... On Earth, volcanoes are most often found where tectonic plates are diverging or converging, and most are found underwater. Large eruptions can affect .....3..... temperature as ash and droplets of sulfuric acid obscure the sun and cool the Earth's troposphere. Historically, large volcanic eruptions have been .....4..... by volcanic winters which have caused catastrophic famines.

Part Two: WRITTEN EXPRESSION *(5pts)*

Choose one of the following topics.

Either topic 1: Write a newspaper article about the deadly floods of Bab El Oued which happened more than 21 years ago.
Date: 10 November 2001
Torrential rains fell on the Algerian capital
The flood destroyed everything, the district was devastated
800 dead, 100 missing, neighborhoods destroyed, US $300 million damages

Or Topic 2: You have witnessed or heard about a natural or a man-made disaster in your life. Write a composition of 80 to 120 words in which you describe what happened.

Good Luck
Your teacher

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