Timgad Secondary School

School year: 2016 -2017

Third Year Scientific Stream +MT

Duration: 2 hours

Second Term English Exam

Part one: Reading (15pts)

A - Comprehension And Interpretation. (8pts)
Read the text carefully then do the activities.

Named after the Roman god of war, the planet Mars is located four planets from the Sun Commonly referred to as "The Red Planet," Mars tends to give off a reddish hue when viewed from Earth. This is believed to be caused by an abundance of iron oxide on the planet's surface. Mars is about half the size of the Earth.

Mars has two moons, Phobos and Deimos, both of which are relatively small in size and not shaped in perfect spheres like the Earth's moon, Mars can be easily seen from Earth without a telescope at a brightness that is only surpassed by the planet Venus, the Moon and the Sun.

Mars has long been considered the most realistic location for life in our solar system, aside from Earth. Many even believe that intelligent life may have once existed on the planet. Scientific exploration of Mars has not produced any evidence of life on the planet. It is believed that the harsh surface environment and extreme solar radiation that saturates the surface of the planet is not capable of sustaining any kind of life.

Currently, the Mars rovers Spirit and Opportunity are close to entering their third year exploring the surface of the Mars, gathering images and information so that we may continue to increase our knowledge and understanding of the Red Planet, as well as the possibility of past or future life on Mars.

(www.nasa.org/solarsystem)

1 - The aim of the passage is to:

a - report

b - inform V

c - entertain

2 - Say whether the following statements are true or false according to the text.

- a) Mars is larger than the earth.
- b) Mars' moons are not like the Earth's moon in shape.
- c) Scientific explorations have proved that life exists on Mars.
- d) Many information's and images are gathered by special satellites.

3 - Answer the following questions according to the text.

- a) What's the origin of the name given to the red planet?
- b) Why is it impossible to find any kind of life on Mars?
- c) How many moons does the red planet have?



4 - What do the underlined words in the text refer to?

a) - **both** (§2) =

b) - their (§4) = . R.A. 1

5 - In which paragraph is it mentioned that:

- a) Man has no proof about any existing kind of life on Mars?
- b) the situation of Mars in the solar system? 53

B) – Text exploration. (7p 1 – Find in the text words or)	,	st in meaning to the following:
a) – situated (§1) =		b) – rise (§4) =
verh		11 ,1

verb	noun	adjective
Believe	***************************************	
	distance	***************************************

3 - Ask the questions that the underlined words answer.

- The shape of the Earth is spherical wath sike furth. The Rope?

4 -Connect each pair of sentences with the word given. Make the neseccery changes

- a) Clouds of gas and dust blocked our view. We could observe the galactic centre .(if)
- b) The Earth rotates the sun. The moon rotates the Earth. (whereas)

5 - Reorder the following sentences to have a coherent paragraph.

- a but manmade satellites are classified by types
- b A satellite can be defined as any object that orbits around something else
- c and there are over ten types including astronomical satellites
- d For example, the moon orbits around Earth and is thus a natural satellite

6 - Classify these words according to the propunciation of their final 'ed'.

Located	- surpassed	- considered		
	/t/	/d/	Z	/id/
***************************************		***************************************		

Part two: Written Expression. (05pts)

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

Choose ONE topic only:

Topic One: Imagine what would happen if a collision occurred between the earth and a comet. Use the following notes:

- Climate change
- Alteration of the earth's orbit
- Earthquake
- Extinction of human kind

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Topic Two:

People are suffering from many diseases due to food. Obesity is one of these health problems. In your opinion, why are there so many overweight people, nowadays?

Best wishes of success