

SECOND TERM EXAM**Part one: Reading****(15pts)****Read the text carefully then do the activities.**

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 as 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 because of the harsh surface environment and extreme solar radiation that saturates the surface of the planet, Mars is not capable of sustaining any kind of life.

Currently, the Mars Rovers Spirit and Opportunity are close to entering their eighth 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.

Adapted from Science Encyclopedia**A – Comprehension****(8pts)****1 – The text is taken from: 1pt**

- a - Internet b –a book c – newspaper

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

- a) – Mars is larger than the Earth.
 b) – Mars' moons are not like the Earth's moon in shape.
 c) – Mars is less bright than Venus.
 d) – Scientific explorations have proved that life exists on Mars.

3 – In which paragraph is it mentioned that ...1pt

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

4– Answer the following questions according to the text.2pt's

- a) – Why is Mars called the Red Planet?
 b)- How many moons does the Red Planet have?
 C- Why do many scientists believe that life on Mars is impossible?
 d) – What is the role of Mars Rovers Spirit and Opportunity?

5 –What or who do the underlined words refer to in the text?2pts

- a) – both (§2) = b) that (§2) = c) – their (§4) = d) our (§4) =

B/Text exploration

1 – Find in the text words or phrases that are closest in meaning to the following:1pt

a) – formed (§2) =

b) – rise (§4) =

2 - Divide the following words into roots and affixes.1pt

-Exploring - disagreement - disconnection - inequality

prefix	root	Suffix

3 – Ask the questions that the underlined words answer.1pt

a) – Mars is 34.65 million miles far from the earth.

b) – We use the telescope to magnify distant stars.

4– Complete sentence (b) so that it means the same as sentence (a). Make any necessary changes.1.5pt

a- Developed nations have made great improvements in space research.

b- Great improvements

a- I regret not having attended the international conference on space exploration.

b- I wish I

5 – Classify these words according to their stressed syllable:1pt

- Scientific - cover (v) – exploration –moon

1 st syllable stressed	2 nd syllable stressed	3 rd syllable stressed	4 th syllable stressed

6- Fill in the gaps with four words from the list below:

dead – geology – Mars – water – life – Earth

Astronomers discovered that1.....is a dusty ,frozen wasteland. It was concluded that the Red Planet was2.....: no active volcanoes, no interesting.....3....., no flowing4.....and no life-end of story.

Part two: Written Expression

(05pts)

Choose **one** of the following topics.

Topic one:

Write a short composition talking about the importance of satellites in exploring the outer space and changing the world into a small village.

You may use these ideas:

Telecommunication / exploring expeditions / gathering info about other planets / research / geology / weather forecast...

Topic two: After watching on television an advertisement on a scientific calculator, you bought one. But after few days, it was out of order and impossible to repair. You write a letter of complaint to the manufacturer.

In this letter, you explain what happened, you complain about the bad quality of the calculator and you ask for the re-imbusement of the money.