

الموضوع الثاني

PART ONE: Reading

A) Comprehension

(15 points)

(08 points)

Read the text carefully and do the activities.

Scientists announced tonight that they have "buckets" of water on the Moon following the analysis of data from a spacecraft that was deliberately crashed into a lunar crater last month.

The researchers said the evidence for the existence of significant bodies of water ice hidden in polar craters on the Moon is "definitive" and that the total quantities could be big enough to support a permanently-manned lunar base.

It is the first time that the US National Aeronautics and Space Administration (NASA) have been so categorical about the discovery of water on the Moon. Previous studies had only suggested that the presence of water might be possible and then only in trace amounts.

One of the unsolved questions is how the water could have got to the Moon. One theory is that it arrived on a comet and never evaporated in the shaded polar craters where temperature is minus 220C.

NASA estimates that there are 12,500 square kilometers of permanently- shadowed terrain on the Moon and if the top one meter of this area were to hold just 1% by mass of water, this would still produce thousands of liters of water.

1. Are these statements true or false?

- Scientists announced the existence of water on the Moon.
- Previous studies suggested that water might exist in abundance.
- One of the mysteries is how water could exist on the Moon.
- Due to the warm climate the water never evaporated.

2. Answer the following questions according to the text.

- How could scientists know about the existence of water on the Moon?
- How could water have got to the Moon?

3. In which paragraph is it mentioned that scientists have already studied the problem of water on the Moon?

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

- they (§1)
- it (§4)
- where (§4)

5. Copy the title you think is the most appropriate.

- Life on the Moon
- Water on the Moon
- A Trip to the Moon

B) Text Exploration

(07 points)

1. Find in the text words that are opposite to the following:

- shown (§2)
- recent (§3)
- plus (§4)
- temporarily (§5)

2. Divide the following words into roots and affixes.
deliberately – unsolved – categorical – shadowed

Prefix	Root	Suffix

3. Rewrite sentence (b) so that it means the same as sentence (a).

- 1.a) "Can we live on the Moon?" she asks.
- 1.b) She asks
- 2.a) Scientists discovered water on the Moon.
- 2.b) Water.....

4. Classify the following words according to the number of their syllables.

moon – discover – crater – space – evidence - previous

1 Syllable	2 Syllables	3 Syllables

5. Fill in the gaps with words from the list below.

workers – job – build – spacecraft

Space walking seems like a really exciting....., but astronauts called space walkers the construction of outer space. When an astronaut goes outside of his it is usually to repair or to something on the outside of the spaceship.

PART TWO: Written Expression

(05 points)

Choose ONE of the following topics:

Topic One: Using the notes below, write a composition of about 120 to 150 words on the following:

Can Man one day live on the Moon? Say why?

- not enough water
- not enough oxygen
- no interesting places to visit
- no amenities
- no entertainment , etc

Topic Two: In what sense is water vital to man, plants and animals?

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تابع الإجابة النموذجية وسلم التنقيط لموضوع مقترح لإمتحان البكالوريا لدورة جوان 2011.

اختبار مادة: اللغة الإنجليزية الشعبة : ع.ت/ر.ت/ر.ت.إ

العلامة		عناصر الإجابة (الموضوع الثاني)																					
المجموع	مجزأة																						
2 pts	0,5x4	<p>Part 1 : Reading (15 points) - Scientists announced... - A/ Comprehension : - 08 pts - 1. a) T b) F c) T d) F 2. a) by the analysis of data from a spacecraft that deliberately crashed into a lunar crater last month. b) the theory is that it arrived on a comet and never evaporated..... 3. § 3 4. a) scientists b) water c) craters 5. Water on The Moon.</p> <p>B/ Text Exploration : - 07 pts - 1. a) hidden b) previous c) minus d) permanently 2.</p> <table border="1"> <thead> <tr> <th>Prefix</th> <th>Root</th> <th>Suffix</th> </tr> </thead> <tbody> <tr> <td>de</td> <td>liberate</td> <td>ly</td> </tr> <tr> <td>un</td> <td>solve</td> <td>d</td> </tr> <tr> <td>/</td> <td>category</td> <td>cal</td> </tr> <tr> <td>/</td> <td>shadow</td> <td>ed</td> </tr> </tbody> </table> <p>3. 1.b) She asks if / whether we can live on the Moon. 2.b) Water was discovered on the Moon by scientists. 4.</p> <table border="1"> <thead> <tr> <th>1 syllabe</th> <th>2 syllables</th> <th>3 syllables</th> </tr> </thead> <tbody> <tr> <td>moon-space</td> <td>crater-previous</td> <td>discover - evidence</td> </tr> </tbody> </table> <p>5. 1) job 2) workers 3) spacecraft 4) build</p> <p>Part 2 : Written Expression : (05 points) Topic 1 : form = 3 pts content = 2 pts Topic 2 : form = 2,5 pts Content = 2,5 pts</p>	Prefix	Root	Suffix	de	liberate	ly	un	solve	d	/	category	cal	/	shadow	ed	1 syllabe	2 syllables	3 syllables	moon-space	crater-previous	discover - evidence
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