

التاريخ: 2020/03/02

المدة: 02 س

المادة: اللغة الانجليزية

المستوى: الثالثة ثانوي ع ت

## اختبار الفصل الثاني

### Let's Go to the Moon.

Human has walked on the moon since the Apollo 17 mission in December 1972. This time, though, the astronauts will stay much longer than the few days of the Apollo 17 mission. So now, NASA's Exploration Technology Development Program is working on everything that will be needed to make the moon a place where a crew of astronauts can live for months.

Explorers from Earth will have to build their own habitat, or home. **Their** home must protect them like no home on Earth would ever need to do . Why?

There is no air on the moon. And the temperature varies from 387 degrees Fahrenheit below zero (-233 Celsius) at night to 253 degree Fahrenheit above zero (123 Celsius) in the day. Tiny micro-meteoroids (space rocks) rain down on the moon's surface. And no atmosphere means no protection from the Sun's harsh radiation.

So, a moon habitat for humans will have to be tough and very sturdy. **It** will have to be air tight, so the inside can be pumped up with breathable air without exploding or leaking. The habitat will have to be cooled during the moon night. It will need a water recycling system, a power generating system and food storage and preparation facilities.

The materials to build the moon habitat should be lightweight, since **they** will have to be boosted out of Earth's gravitation field using rockets. The habitat will have to be sent to the moon in pieces and assembled by the explorers once they arrive. So, **it** should be easy to put together, since the moon explorers will be working in space suits.

<http://spaceplace.nasa.gov>

#### 1) Choose the letter that corresponds to the right answer. (0.5pt)

- a. a report    b. a web article    c. a news paper article

#### 2) Are these statements true or false? Write T or F next to the letter corresponding to the statement (2pts)

a-Astronauts of Apollo 17 stayed for a month on the moon.

b- Explorers need homes on the moon to protect themselves.

c-Meteoroids fall down on the moon.

d-Astronauts will have to build heavy houses on the moon.

**3) Answer the following questions according to the text. (3pts)**

- a. What do the explorers need to live on the moon ?
- b. Is there any atmosphere on the moon? Justify your answer .
- c. How should be the astronauts' home on the moon ?

**4) What or who do the underlined words refer to in the text? (1pt)**

- a - their( §2)                      b- it( §4)                      c- they (§5)                      d-it (§5)

**B.TEXT EXPLORATION: (8.5 pts)**

**1) Find in the text words that are closest in meaning to the following: (0.5pt)**

- a-Travelling into a place for the purpose of learning about it (§1)  
b- A group of people working together on a boat, train or plane (§1 )

**2) Find in the text words that are opposites to the following: (0.5pt)**

- a- soft (§3)                      b- loose (§3)

**3.Complete the following chart as shown in the example. (1.5pts)**

Verb	Noun	Adjective
Example: to explore	exploration	exploratory
		Breathable
To vary		
		gravitational

**4.Rewrite the sentence (b) so that it means the same as sentence (a): (2pts)**

1) a. The inside of their homes can be pumped up with breathable air without exploding or leaking.

b. Astronauts .....

2) a. The atmosphere on the moon is so hot that they have to cool their homes during the moon day.

b. There is.....that.....

**5. Ask questions about the underlined words. (2pts)**

- a. The moon is circular in shape.  
b. The space rocket weighs 3000 tons.

**6. Correct the mistake in each sentence (1pt)**

- a. Rockets are used for launch artificial satellites.  
b. Too much satellites are orbiting our planet.

**7. Reorder the following sentences to make a coherent passage (1pt)**

- a. of the universe, planet Earth and the solar system.  
b. to biomedicine, life and physical sciences.  
c. Space sciences are vital to the understanding of the structure  
d. They also provide insights into new approaches

**PART TWO: Written Expression : (5pts)**

Choose one of the following topics.

**Topic one:**

Using the following notes, write a composition of 80 to 120 words on the importance of the space research:

- space research helps in protecting the environment
- saving the lives of people during the natural catastrophes
- space-based technologies for tsunami warning
- communication technologies for better services

**Topic two:**

It is affirmed that 'life can't be possible on other planets,' Write an argumentative article in which you support this statement.

