

الجمهورية الجزائرية الديمقراطية الشعبية

وزارة التربية الوطنية (الجزائر شرق)

امتحان البكالوريا التجريبية في اللغة الانجليزية

الشعبة علوم تجريبية

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الموضوع الاول

1/Part one : Reading (15points)

A- comprehension : (08 points)

Read the text carefully then do the activities :

The Asteroid Belt.

The solar system formed 4.6 billion years ago from the gravitational collapse of a giant interstellar molecular cloud. It is a gravitationally bound system comprising the sun and the objects that orbits it either directly or indirectly. Directly such as the large eight planets and indirectly such as the moons .The gravitationally bound system also contains smaller objects like the asteroid.

An asteroid is a bit of rock .It can be thought of as what was « left over » after the sun and all the planets were formed.

Most of the asteroids in our solar system can be found orbiting the sun between the orbits of Mars and Jupiter. This area is called « asteroid belt » .The asteroid belt is a big highway in a circle around the sun. Think about the asteroids as cars on the highway . Sometimes , the asteroid cars run into one another . When this happens, the asteroids may break up into smaller asteroids.

Scientists think that most asteroids are the result of collisions between larger rocky space bodies .

www.wikipedia.com

1 /Are the following statements true or false :write T or F next to the letter corresponding to the statement and correct the false one(s) : (2pts)

_The gravitative flop of the interstellar molecular cloud formed our solar system.

_Asteroids revolve around the sun between the Earth and Jupiter.

_Asteroids were formed before planets.

_When asteroids encounter one another they shaped smaller asteroids.

2 /In which paragraph is it mentioned the definition of the asteroid belt. (1pts)

3 /Answer the following questions : (3pts)

_What is the gravitationalbound system composed of ?

_Are asteroids made of calculus ?

_What do the scientists believe about asteroid

4/Who or what do the underlined words refer to in the text : (2pts)

_That (§1)

This area (§3)

B/Text exploration : 7pts

1/Match the following words with the corresponding definitions : (1.5pts)

Words	Definitions
-Highway.	-One of the many large rocks that circle the sun.
-Asteroid.	-To fall down suddenly because of the presure of having no strength or support.
-Collapse.	-An important road that joins cities or towns together.

2/Divide the following words into roots and affixes : (1.5pts)

a-Indirectly .

b-Gravitational.

c-Orbiting.

3/Rewrite sentence ' b' so that it means the same as ' a' : (2pts)

a-Scientists said : « Most asteroids were the result of collisions between larger rocky space bodies. »

b-Scientists said that.....

a-The sun is visible in the sky whereas asteroids can't be seen from the Earth.

b-Unlike.....

4/Cassify the following words according to the pronunciation of the final /s/ :

1-years.

2-planets.

3-happens.

4-collapses.

2/Part two : written expression (5pts)

-Choose one of the following topics :

-Topic one :Suppose an asteroid collided with the earth .write a short paragraph in which you predict the consequences of such a collision using the following notes :

-Consequences on the earth (climate change_tsunami _alteration on the earth orbit.....).

-consequences on human kind .(extinction).

-Conclusion.

Topic two :

Write a composition explaining the benefit of avertising on both the producer and the consumer.