

الموضوع الاول

Part one. Reading  
A/Comprehension

(15pts)

(08pts)

Read the text carefully and do the activities.

The theft of intellectual property has become as serious for society as the theft of physical property .Not only has the problem grown in size – now accounting for \$600 billion per year in counterfeit goods worldwide – but also in the range of products and the geographic scope.

Almost every successful product – pharmaceuticals, toys, spare parts for cars and aircraft, software, entertainment products, clothes, cosmetics and fashion accessories – is being copied. All regions are now both production and consumption areas and almost no country is unaffected by the problem.

Intellectual property theft has become a sophisticated industry using high technology, the internet, and the networks and knows-how of organized crime .Counterfeiting and piracy are more profitable than narcotics but without the risks; they are becoming the number one crime of the 21<sup>st</sup> century. Combating them has become a priority for society and not just for intellectual property right holders.

1. The text is: a.narrative b.prescriptive c.expository (1pts)

2. Are the following statements true or false?Write Tor F next to the letter corresponding to the statement.(2pts)

- a - The theft of intellectual property has grown both in size and the range of products. T  
b - Only a few successful products are being copied.F  
c - Almost all countries are affected by counterfeiting. T  
d - Fighting counterfeiting and piracy is not the responsibility of society.F

3. Answer the following questions according to the text. (2pts)

a – Why has the theft of intellectual property become a serious problem?

**The theft of intellectual property has become a serious problem because it has grown in size ,in the range of products and the geographic scope.**

b - What is the difference between counterfeiting and narcotics?

**Counterfeiting is more profitable than narcotics but without the risks.Or narcotics is risky and less profitable than counterfeiting .**

4.What do the underlined words refer to in the text? (2pts)

The problem(§2) **almost every successful product is being copied**

Them(§3) **counterfeiting and piracy**

5. Choose the general idea of the text.(1pts)

- a - Software industry.  
b - **Intellectual piracy.**  
c - The internet age.

b. Text exploration (07pts)

1. Find in the text words that are closest in meaning to the following(1pts)

- a) universal(§1) =**worldwide** b) forged (§2) =**copied**

2. Give the opposite of the following words keeping the same root. (1pts)

Words	Opposites
Properly	<b>Improperly/</b> <b>unproperly</b>
Honest	<b>Dishonest</b>
Corrupt	<b>Uncorrupt/ incorrupt</b>
Official	<b>Inofficial/ unofficial</b>



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الموضوع الثاني

Part one: Reading

(15points)

A/ Comprehension

(8pts)

Read the text and do the activities below.

A striking new image captured by the Hubble Space Telescope delivers a deep look into a mysterious cosmic object called the Red Rectangle Nebula.

The Red Rectangle, so named because of its bizarre shape and striking color, is a nebula - a cosmic cloud of gas and particles. In this case, the nebula is formed by the central star, HD 44179, which is reaching the end of its life and shedding most of its mass into space.

The source of the red light emitted by the Red Rectangle baffled scientists for more than 30 years. The same kind of red emission was seen throughout the Milky Way and in other galaxies, but scientists weren't sure what created it. The mystery was finally solved in 2007: The glow comes from strange activity at the molecular level inside clusters of dust.

This new image gives scientists the best understanding yet of the structure of the Red Rectangle, according to a statement from NASA. Instead of a rectangle, it appears that the nebula around the star is shaped like an "X," with ladder-like rungs of glowing gas connecting the four arms.

The star at the center of the Red Rectangle is similar to Earth's sun and is responsible for those evenly spaced lines as it releases gas and other material to create the nebula and its distinctive shape. NASA experts now believe the star is also a close binary (meaning it has a connected partner), and is surrounded by a dense area of dust, according to the statement.

By Kasandra Brabaw, Space.com Contributor | April 25, 2016 07:00am

1- Circle the letter that corresponds to the right answer.

A-The text is: a) expository b) descriptive c) narrative

B-The text is about : a) Hubble telescope description.  
b) Hubble telescope history.  
c) Hubble mysterious discovery.

2- Are the following statements true or false ?

- a- Nebula is a well-known object.
- b- Scientists were perplexed by the Red Rectangle for a long time.
- c- The star at the center of the Red Rectangle looks like the sun.

3-Answer the following questions according to the text.

a- What is nebula?

.....

b- What is its recently found shape?

.....

c- Was its secret found at last?

.....

d- How did the star at the center of the Red Rectangle create a nebula?

.....

4- In which paragraph is it mentioned that scientists found that the nebula is not rectangular in shape? .....

5- What or who do the underlined words refer to in the text?

its (2 §) .....  
it (5 §) .....

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B/ Text exploration (7pts)

1-Find in the text words or phrases opposite in meaning to the following:

a) beginning (2 §).....b) outside(3 §).....c)different from (5§).....

2-Divide the following words into roots and affixes.

mysterious - unbelievable- misunderstand

e.g : disconnecting

Prefix	root	Suffix
Dis	connect	Ing

3- Complete sentence “b” so that it means the same as sentence “a”:

1- a)-I have a strong desire to set foot on the moon someday.

b)- I wish.....

2- a-It is probable we will find proofs claiming that there is life in other planets.

b- We.....

3- a-« space trips will be possible ».He said.

b- He said that.....

4- Classify the following words according to the pronunciation of final „s”

releases, delivers , scientists , galaxies

/s/	/z/	/iz/

5- Complete the following dialogue:

A: Did you hear about Hubble telescope?

B: Yes, but .....?

A: It is used for taking pictures from space and sends them to Earth.

B: .....?

A: It is cylindrical.

B :..... ?

A: It weighs more than eleven tones.

B: And .....?

A: It's 13 meters long.

B: Oh great , thank you for the information.

Part two: Written expression.

(5pts)

Choose one of the following topics:

**Topic one:** Use the following notes to write a composition about the advantages and disadvantages of space research.

**Advantages** : helps medical research - discovering outer space.- helps protecting the environment.

**Disadvantages:** waste of money and time -money should be given for the poor – space wars

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