

2<sup>nd</sup> subject

Final English exam n° 02

Level: 3ASS, 3ASGE, 3ASM

School Year: 2011-2012

### PART ONE: READING COMPREHENSION

Nine known planets revolve around the sun. They vary greatly in size, mass, temperature, rate of rotation, and composition. **Mercury** is surprisingly dense, apparently because it has an unusually large iron core. With only a transient atmosphere, Mercury has a surface that still bears the record of bombardment by asteroidal bodies early in its history.

**Venus** has a carbon dioxide atmosphere 90 times thicker than that of the Earth, causing an efficient greenhouse effect by which the Venusian atmosphere is heated. The resulting surface temperature is the hottest of any planet—about 477°C. The **Earth** is the only planet with abundant liquid water and life. Strong evidence exists that **Mars** once had water on its surface (and still has below the surface, in the form of ice), but now its carbon dioxide (CO<sub>2</sub>) atmosphere is so thin that the planet is predominantly dry and cold, with polar caps of solid carbon dioxide, or dry ice.

**Jupiter** is the largest of the planets. Its hydrogen and helium atmosphere contains pastel-colored clouds, and its immense magnetosphere rings, and satellites make it a planetary system unto itself. **Saturn** rivals Jupiter, with a much more intricate ring structure and more satellites, including one with a dense atmosphere—Titan, **Uranus** and **Neptune** are deficient in hydrogen compared with the two giants; Uranus, also ringed, has the distinction of rotating at 98° to the plane of its orbit. **Pluto** seems similar to the larger, icy satellites of Jupiter or Saturn. Pluto is so distant from the Sun and so cold that methane freezes on its surface.

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- 1- Say whether the following statements are true or false, or not mentioned:
  - a- /Planets are identical in composition.
  - b- Early in its history, Mercury was bombarded by asteroids.
  - c- Because of its CO2 thick atmosphere, Venus is the hottest planet.
  - d- The Earth is the only planet with big trees.
- 2- What or who do the underlined words in the text refer to?
  - a- They (§1):.....
  - b- It (§2):.....
  - c- Two giants (§3):.....
- 3- In which paragraph is it mentioned that Uranus, too, has rings around it?
- 4- Answer the following questions according to the text:
  - a- How many planets revolve around the sun? Name them.
  - b- Why is Mercury dense?
  - c- Why is the atmosphere in Venus hot?
- 5- Find in the text word, phrases or expressions opposite in meaning to the following:
  - a- Late (§1)≠.....
  - b- Thinner (§2)≠.....
  - c- Very small (§3)≠.....
  - d- Melts (§3)≠.....

## PART TWO: TEXT EXPLORATION

- 1- Identify the wrong capitals and correct them:

The planet Mars is named after the roman god of war. It is the fourth from the sun and the third in order of increasing Mass. mars has two small, heavily cratered moons, phobos and deimos, which some astronomers consider to be asteroid-like objects captured by the planet very early in its History.

- 2 - Cross(X) the odd one out from each line of 4 words:

Venus	Mercury	Titan	Pluto
Hottest	Warmest	Coldest	Modest

- 3- Give the opposites of the following words by keeping the same roots.

Word	Opposite	Word	Opposite
------	----------	------	----------

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Like		Doubtless	
Regular		Directly	
unusually		Efficient	

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

1.a/ Many new satellites have been discovered by astronomers.

b/ Astronomers .....

2.a/ The moon can be seen from earth without the help of telescopes.

b/ People.....

5- Fill in the gaps so that the text makes sense.

*The sun is the star that dominates the ...1... system – the planetary system...2... includes the earth. By the radiation of its electromagnetic energy, the ...3... furnishes directly or indirectly all of the energy supporting life on earth. For most of the time that human...4... have been on the earth, the sun has been regarded ...5... an object of special significance. Many ancient cultures worshipped the sun, and many more recognized ...6... significance in the cycle of life.*

### PART THREE: WRITTEN EXPRESSION

#### **Topic one:**

Using the following notes, write a short composition describing the life and career of the famous American astronaut Neil Armstrong:

- 1- American astronaut, born in 1930/Ohio/ USA
- 2- 1955/ graduated/ Purdue University
- 3- Joined NASA/ a civilian test pilot at Edwards Air Force Base, Lancaster, California.
- 4- July 1969/ the first person to set foot on the Moon.
- 5- 1971/ Professor of Aerospace Engineering at the University of Cincinnati, Ohio.

#### **Topic Two:**

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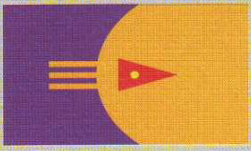
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Some people think that space exploration is just a waste of money. In few Lines express your point of view about space exploration its advantages and disadvantages.

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### Correction of The Final English Exam

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#### Part one:

1-

- a- False
- b- True
- c- True
- d- Not mentioned

2- They = planets

Its= Mars

Two giants= Jupiter and Saturn

3- In the 3<sup>rd</sup> paragraph

4- a- There are nine Known planets= mercury, Venus, earth, mars, Jupiter, Saturn, Uranus, Neptune, Pluto.

b- Because it has an unusually large iron core.

c- Because it has a CO<sub>2</sub> atmosphere 90 times thicker than that of ..earth

5- a- Late ≠ early    b- Thinner ≠ Thicker    c- very small ≠ giant    d- melts ≠ Freezes

#### Part Two:

1- Capitals:

The- Roman- God- It- Sun- Mars- Moons.

2- a- Titan    b- Modest.

3- Like »unlike

Regular »irregular

Unusually »usually

Doubtless » doubt

Directly »indirectly

Efficient »inefficient .

4- a- Astronomers have discovered many new satellites.

b- People can see the moon without the help of telescopes.

5- a- Solar    b- That    c- Sun    d- being    a- as    f- its

#### Part Three:

##### Topic one:

Content =2.5

Coherence =2.5

##### Topic Two:

Content =2.5

Coherence =2.5

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