


<b>INSTITUT PREPARATOIRE AUX ETUDES D'INGENIEUR DE SFAX</b>		<b>A.U. : 2015/2016 Niveau : 1ère année Epreuve : Anglais Durée : 1h 30mn Date : 16 /05/2016</b>
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## DEVOIR DE FIN DE SEMESTRE N°2

### **Why fresh water shortages will cause the next great global crisis**

1- Water is the driving force of all nature, Leonardo da Vinci claimed. Unfortunately for our planet, supplies are now running dry – at an alarming rate. The world's population continues to soar but that rise in numbers has not been matched by an accompanying increase in supplies of fresh water.

2- The consequences are proving to be profound. Across the globe, reports reveal huge areas in crisis today as reservoirs and aquifers dry up. More than a billion individuals – one in seven people on the planet – now lack access to safe drinking water.

3- Last week in the Brazilian city of São Paulo, home to 20 million people, and once known as the City of Drizzle, drought got so bad that residents began drilling through basement floors and car parks to try to reach groundwater. City officials warned last week that rationing of supplies was likely soon. Citizens might have access to water for only two days a week, they added. In California, officials have revealed that the state has entered its fourth year of drought with January this year becoming the driest since meteorological records began. At the same time, per capita water use has continued to rise.

4- In the Middle East, swaths of countryside have been reduced to desert because of overuse of water. Iran is one of the most severely affected. Heavy overconsumption, coupled with poor rainfall, have ravaged its water resources and devastated its agricultural output. Similarly, the United Arab Emirates is now investing in desalination plants and waste water treatment units because it lacks fresh water. For the U.A.E, water is more important than oil.

5 - Changing precipitation and melting snow and ice are already altering hydrological systems in many regions. Glaciers continue to shrink worldwide, affecting villages and towns downstream. The result, says the Intergovernmental Panel for Climate Change, is that the fraction of global population experiencing water scarcity is destined to increase throughout the 21st century. More and more, people and nations will have to compete for resources. An international dispute between Egypt and Ethiopia over the latter's plans to dam the Nile has only recently been resolved. In the future, far more serious conflicts are likely to erupt as the planet dries up.

Adapted from The Guardian, 8 March 2015

**PART ONE: READING COMPREHENSION: (14pts)**

**A) Choose the best alternative:**

**The text deals with:**

- 1) water crisis in developing countries
- 2) water scarcity in the developed world
- 3) water shortages around the world

**B) Answer the following questions:**

- 1) How important is water in our world?
- 2) What are the symptoms of climate change mentioned in the last paragraph?

**C) Indicate whether the following statements are True or False. Justify with information from the text :**

- 1) There is an imbalance between population growth and the existing water reserves.
- 2) Nowadays, most of the world's population suffer from lack of potable water.
- 3) In São Paulo, authorities imposed the rationing of supplies to deal with the water crisis.

**D) Complete the sentences on the answer sheets with information from the text.**

**E) Mention the two solutions adopted by an Arab Gulf country to address the water scarcity problem.**

**F) Explain in your own words: "In the future, far more serious conflicts are likely to erupt as the planet dries up." (§5)**

**G) Find words in the text having nearly the same meaning as:**

- 1) to increase rapidly (§1)
- 2) period of continuous dry weather (§3)
- 3) to diminish in size or volume (§5)

**H) What do the underlined words in the text refer to?**

- 1) they (§3)
- 2) its (§4)
- 3) the latter (§5)

**PART TWO: WRITING (6pts)**

Do you agree or disagree with the following statement?

**"Football is no longer a clean and beautiful game."**

Develop your opinion in a fifteen-line essay.



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**DEVOIR DE FIN DE SEMESTRE N°2**

**(ANSWER SHEETS)**

**PART ONE : READING COMPREHENSION (14pts)**

**A) The best alternative: (1pt)**

**B) Answers: (2pts)**

1) .....

2) a) .....

b) .....

**C) True or False statements: (3pts)**

1) (        ) .....

2) (        ) .....

3) (        ) .....

**D) Sentence completion: (2.5pts)**

1) In a Brazilian city, dwellers had no choice but to.....

..... in an attempt to have access to water.

2) Water shortages in Iran are caused not only by.....but  
also..... As a consequence, water resources  
and.....have been badly hit.

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**E) The solutions: (1pt)**

a) .....

b) .....

**F) Sentence explanation: (1.5pts)**

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**G) Vocabulary items:(1.5pts)**

1) .....

2) .....

3) .....

**H) References:(1.5pts)**

1) .....

2) .....

3) .....

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**PART TWO: WRITING (6pts)**

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