



MINISTRY OF EDUCATION

BELKHIR S SCHOOL

2012 – 2013

LEVEL: 3<sup>rd</sup> year ARTS 3

TEACHER: HAJJI A

# FULL TERM TEST TWO

\*\*\*\*\*

2 HOURS

NAME :.....

SURNAME :.....

GRADE

...../20

## I- Reading comprehension. (15 marks)

### 1) Tick the most appropriate alternative. (1 mark)

The author's purpose when writing this text was to:

- a. give practical instructions for using statins.
- b. discuss different ways of using statins.
- c. explain how statins can reduce the mortality death.

### 2) Complete the following table with information from the text. (4 marks)

Drug: statins	
Effects on blood	Beneficiaries (p 3)
Statins.....	People who are likely to have a.....
.....	.....
They also.....	or a .....
.....	.....

### 3) These statements are false. Correct them with details from the text. (4 marks).

- a. all the patients are given statins now.  
.....
- b. Statins are being prescribed to both men and women equally. (P 3)  
.....
- c. It's difficult for patients to find statins.  
.....
- d. Taking statins is risky, according to the study. (P 5)  
.....

### 4) What is the main cause of death in Britain? (1 mark)

### 5) What do the underlined words mean? Tick the most appropriate explanation. (2 marks)

- a. A study disclosed great effects on heart disease. (Paragraph 1)  
 ♠ confused                      ♠ showed                      ♠ exaggerated
- b. The new recommendations will be easy to implement. (Paragraph 4)  
 ♠ ignore                      ♠ follow                      ♠ define





6) What do the underlined words refer to? (2 marks)

- them in paragraph 4 refers to: .....
- this in paragraph 3 refers to: .....

7) As a volunteer, would you take part in a study looking at the effects of a drug on patients? Why or why not? (1 mark)

.....  
.....

**II- Language. (10 marks)**

1) Circle the correct option. (3.5 marks)

Cloning is the process of (**creation / creating / creative**) new organisms such as human, animals, or plants from a single adult cell. Attempts or steps towards cloning date back to the 1960's when John Gordon, an American scientist, (**cloned / has cloned / had cloned**) frogs using cells from older tadpoles in 1962. Then researches were carried out to (**invent / create / discover**) or clone other living things. In 1996 Dolly's (**born / death / birth**) was heard around the world. This sheep was the first (**reptile / insect / mammal**) ever cloned from a single adult cell. This event led to a wide debate all over the world. The protagonists think that it has some advantages such as protecting several species from (**extinction / fertilization / development**) and creating experimental animals or plants that may be used in researches and genetic projects. The antagonists object this technique thinking it is immoral, illegal and (**ethical / unethical / ethics**) to create animals and mainly human. They think that scientists are doing "the work of god".

2) Write the verbs / words between brackets in the correct tense / form. (3.5 marks)

Internet is an infinite source of valuable information. As no one can control the information on the Internet, it becomes easy to spread (**poison**) .....beliefs and opinions. You can travel through the world with a click of a (**mice**) ..... The internet facilitates the exchange of information and (**to help**) ..... teachers, pupils, and (**scientific**) .....in their search for knowledge. In addition companies use the internet for business-to-business transactions such as exchanging (**finance**)..... information and accessing complex databases. The use of electronic mail speeds communication among individuals. In recent years, Media and entertainment companies (**use**) ..... the internet for online news and weather services and to broadcast radio and television programs. However, on the net children can come across different forms of violence. The internet is another form of (**addict**) .....which is difficult to get rid of.

3- Fill in the blanks with 6 words from the box. 3 marks

extremely / molecules / endangered / surrogate / produces / insert / characteristics / alter

Genetic engineering is often defined as the study of the artificial manipulation of the make-up of living things molecular biology: the study of the structure and function of the organic .....associated with living organisms. Its techniques now allow scientists to..... specific genes into a plant or animal without going through the process of selective breeding. The aim is to introduce new .....or attributes physiologically or physically such as making a crop resistant to herbicide, introducing a novel characteristic, or producing a new protein or enzyme... It is therefore .....rapid compared to selective breeding. With genetic engineering you can also cross species very easily. For example, you can create a plant that.....insulin. You can read a lot of articles to learn about DNA,





## TEXT

1. Drugs that could save tens of thousands of lives in Britain should be prescribed to three times as many patients as at present, medical experts said after a study disclosed great effects on heart disease and stroke.
2. British research has shown that statins, a class of drug that lowers cholesterol, can prevent a third of all cases of heart disease or stroke in patients at highest risk. If statins were given to 10 million high-risk patients, they could save at least 50,000 lives a year worldwide. In Britain, where heart disease is the leading cause of death, statins could save up to 10,000 lives a year. At present, only people with high cholesterol are prescribed statins, but the eight-year study found that anyone at risk of heart attack or stroke, could benefit.
3. Statins are at present given to fewer than one in 20 people aged over 40, mostly men with heart disease or high cholesterol levels. Under the recommendation, this would increase to one in eight. A total of 20,000 volunteers aged 40 to 80 took part in the study, which looked at the effects of statins on patients for whom the benefits were uncertain. The guidelines previously said that women, those aged over 65 and diabetics would not benefit from the drug, but the five years of monitoring all types of patients at high risk of heart attacks and strokes showed that everyone benefited as much from statins.
4. Statins reduce levels of “bad” cholesterol in the blood. Studies have shown that statins also reduce levels of triglyceride fats, which contribute to heart disease. The new recommendations will be easy to implement because statins are readily available and the patients who benefit from them most are already known to doctors.
5. The study also found that safety issues surrounding statins were so tiny that they were significant. The risk of muscle problems was about one in 10,000. Fears that statins could increase deaths from other diseases, such as cancer, were alleviated by the study. The mortality rate caused by factors other than heart disease was the same in the group that took a placebo.

Adapted from: The Times, July 5<sup>th</sup>, 2006

