



THE HASHEMITE KINGDOM OF JORDAN-MINISTRY OF EDUCATION
GENERAL SECONDARY CERTIFICATE EXAMINATION 2016
GENERAL ENGLISH

DATE: Saturday 20th of January, 2018

TIME: 1 HOUR AND A HALF

ملحوظات: (1) اجب عن أسئلة هذه الورقة جميعها (2) للمتقدمين في الفروع الأكاديمية (3) عدد الأسئلة : (5) وعدد الصفحات (4)
إعداد الأستاذ : رائد جوارنة / 0772468163 / عمر جوارنة 0777590657

Read the following text carefully, and then in your ANSWER BOOKLET answer all questions that follow. Your answer should be based on the text.

Scientists have already developed brain implants that improve vision or allow disabled people to use their thoughts in order to control prosthetic limbs like arms, legs or hands, or operate a wheelchair. In 2012 CE, research on monkeys showed that a brain implant improved their decision-making abilities. How will humans benefit from this research? Scientists hope to develop a similar device to help people who have been affected by brain damage, which could be caused by dementia, a stroke or other brain injuries.

In 2010 CE, neuroscientists confirmed that it was possible to communicate with some patients in a coma, by using a special brain scanner called an MRI. They suggested that, in the future, more meaningful dialogue with patients in a coma would be possible. Two years later, it has finally happened. The scanner, used on a man who has been in a coma for more than twelve years, proves that he has a conscious, thinking mind – a fact that had previously been disputed by many. Doctors plan to use similar brain-scanning techniques in the future to find out whether patients are in pain, or what they would like to be done in order to improve their quality of life.

A new cancer drug is being trialled in Plymouth, UK, which doctors hope will extend the lives of cancer patients and reduce their symptoms overnight. It is taken as a single pill every morning, and so far patients have shown none of the usual side effects such as the sickness and hair loss that are experienced when undergoing other forms of cancer treatment. The new treatment works by blocking a protein which causes cancerous cells to grow. It will improve patients' life expectancy and quality of life much more quickly than any other treatment. The patients were interviewed a year after starting the treatment and are fit and well, saying that they are definitely going to continue the trial.

Question number one (20 points)

- A.1- There are many reasons that cause brain damage. Write down two of them. (4points)
- 2- The author states that scientists can help disabled people by improving brain implants. write down the benefits of brain implants for them. (2 points)
- 3-Quote the sentence which indicates ' the way in which the new cancer drug works'(2 points)
- 4- Find a word from the text which means 'signs of illnesses'. (2 points)
- 5- what does the underlined word " they ", refer to ? (2 points)
- 6- Some scientists state that a new drug will help to treat certain types of cancer almost instantly. Think of this statement, and in two sentences, write down your point of view. (2 points)

(2 points)

7- Scientists think that there will be a lot of Implications for the world if people live longer and by using technology to help us to improve life expectancy. Suggest three of these implications.

(3 points)

B. Literature spot: (3 points)

Read the following lines from the old man and the sea, then answer the questions that follow and write the answers down in your ANSWER BOOKLET.

The next morning, Santiago leaves early and sails far out to sea to try his luck again. Eventually, he feels a bite on one of his hooks, and he works out that it must be a big fish, perhaps a marlin. The fish is strong, though, and does not come up to the surface. Instead, the fish swims away, dragging the old man and his boat along.

1. When Santiago feels a bite on his line, he works out that 'it must be a big fish, perhaps a marlin'. What evidence is there that he is correct? (2 points)

2- Find a word in the text which means "a **curved object on which to hang something**" (1point)

Question number two (14 points)

A) Choose the suitable item from those given in the box to complete each of the following sentences. There are more words than you need. Write the answers down in your ANSWER BOOKLET. (8 points)

biological waste	coma	strenuous	car-free zone	desalination
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1- In order to reduce its carbon footprint, Masdar City will be a....., designed to be pedestrian and cycle-friendly.

2-plants are becoming a popular method of providing water for people living in areas that have little fresh water.

3- After Ali's accident, he lay in a for two weeks.

4- His doctor advised him not to take anyexercise.

B . Choose the suitable item from those given to complete each of the following sentences and write it down in your ANSWER BOOKLET. (4 points)

1- My father bought our house with an from his grandfather.

(Inherit, inheritance, inheritable)

2- if you want to play a musical instrument well, you mustevery day.

(practise, practical, practically)

C. Study the following sentence and answer the questions that follows. Write the answer down in your ANSWER BOOKLETE. (2 points)

The person who is believed to be responsible for the design of the Giralda tower, **which was originally a minaret**, is the mathematician and astronomer Jabir ibn Aflah.

What is the function of using the non defining relative clause in the above sentence.

Question number three (14 points)

A. Corrects the verbs between brackets then write your answer down in your ANSWER BOOKLET. (6 points)

1. Huda told me that she all the ingredients for a chocolate cake the day before.
(bought)
2. This time next month, my parents married for twenty years. **(be)**
3. Adnan still uses the technique that first by the Phoenicians some 2,000 years ago. **(develop)**

B. Choose the suitable item from those given to complete each of the following sentences and write it down in your ANSWER BOOKLET. (6 points)

- 1- Ali ibnNafi' is the person who introduced oud to Europe.
(a , x , the)
- 2- Apart from the rooms in the Roman castle, there are also about twenty-three stableshorses may have been kept.
(which , when , where)
- 3- Therebe so much pollution, but these days it is a global problem.
(is used to are used to used to)
- 4- By the end of 2010 CE, companies more smartphones than PCs for the first time.
(will have sold , had sold sold)
- 5- We had flowersfor my sister's wedding.
(arrange, arranged, been arranged)
- 6- Mahmoud home when the rain started. It was very heavy, so he must have got very wet.
(was walking , walked , had walked)

C. Study the following sentence and answer the question that follows. (2 points)

Everywhere we go we will hear the constant **buzz** and **hum** of technology.

Identify the type of retherotical device used in the above sentence.

Question number four (12 points)

A. Complete each of the following items so that the new item has a similar meaning to the one before it, and write it down in your ANSWER BOOKLET. (6 points)

1. Our school intends to raise enough money to build a new library
Our school.....
2. It was normal for students now to study hard on Tawjihi exams .
Students
- 3- Jabir ibn Hayyan is known as the founder of chemistry.
The person

B. The following sentences are in American English. Rewrite them in British English. Write the answers in your ANSWER BOOKELETE. (4 points)

1- We have gotten tired after all the hard working today in our apartment.
.....

2- Let's take a look at jeweler that have different colors.
.....

C. Study the following sentences and answer the questions that follows. Write the answer down in yoyr ANSWER BOOKLET. (2 points)

1- Scientists have successfully invented a prosthetic hand with a sense of touch.

Replace the underlined word with its synonym.

Question number five (15 points)

A. EDITING (4 POINTS)

Imagine you are an editor in the Jordan times. You are asked to edit the following lines that have four mistakes (one grammatical mistake, one punctuation mistake and two spelling mistakes). find out these four mistakes and correct them. write the correct answer in your ANSWER BOOKELETE. (4 points)

Presenter: Why do strangers want to finding out information about people.

Professor: They want your information for identity froud. If people can find out enough information about you, they can akses your passwords and security settings, Then they could access your bank account, for example. So don't give out personal information on the Internet, such as your address or mobile phone number.

B. GUIDE WRITING (4 POINTS)

Read the information bellow, and then in your ANSWER BOOKLETE, write two sentences using all the given notes below about Purposes of using the tablets by students in the class . Use the appropriate linking words.

Purposes of using the tablets by students in the class

- show photographs
- research information
- record interviews
- create diagrams

C. FREE WRITING (7 POINTS)

In your ANSWER BOOKLET, write a composition about 120 words on ONE of the following.

1- it is important for a country to keep producing traditional handicrafts and Jordan well known in many of these traditional handicrafts . Write an essay mentioning the traditional handicrafts that Jordan well known in them and suggest some ways to keep them.

2- Everyone in our life practice some activities in his free time. Write a report about inside and outside activities that we can practice in our free times. And the role of them in keeping us fitter, happier and healthier.

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Question number one

A) 1- dementia, a stroke or other brain injuries.

2- improve vision or allow disabled people to use their thoughts in order to control prosthetic limbs like arms, legs or hands, or operate a wheelchair.

3- The new treatment works by blocking a protein which causes cancerous cells to grow.

4- symptoms

5- patients

B- 1- It drags the boat along for a long time, so it must be a big fish.

2- hooks

Question number two

A. 1. car free zone 2. desolation 3. coma 4- strenuous

B. 1- inheritance 2- practice

C. to give additional information

Question number three

A. 1- had bought 2- will have been 3- was, introduced

B. the 2- where 3- used to 4- had sold 5- arranged 6- was walking

C. Onomatopoeia

Question number four

A. 1-is planning to rise

2- were used to studying hard

3- who is known as the founder of chemistry is Jaber ibn Hayyan.

B. 1- We have got tired after all the hard working today in our flat.

2- Let's have a look at jeweller that have got different colours.

C. artificial

Question number five

A. identity fraud access settings. Then want to find out about people?

B. There are many Purposes of using the tablets by students in the class such as showing photographs and researching information, too.

Other thing is recording interviews and creating diagrams, also.