

بسم الله الرحمن الرحيم

FORM: (3)



المملكة الأردنية الهاشمية

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

GENERAL ENGLISH

الدورة الشتوية/ المستوى الثالث

(وثيقة محمية/محدود)

DATE: Saturday 14th of January, 2017

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).

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

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 trialed 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. They have every reason to believe the new drug is going to work. Doctors at Plymouth Hospital hope that it will help patients from all over the world.

Question Number One: (20 points)

1. The article suggests two aims of developing brain implants for disabled people. Write down two of them. **(4 points)**
2. Find out from the text a phrase that means “**a mental illness whose symptoms cause problems with memory and personality**”. **(2 points)**
3. Quote the sentence which shows that cancer patients will probably get fully treated. **(2 points)**
4. The article states that doctors plan to use similar brain-scanning techniques in the future for many purposes. Write down two of these purposes. **(2 points)**

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5. What does the underlined word “it” refer to? (2 points)
6. Doctors say that normal cancer treatment has some side effects, write down two of them. (2 points)
7. “Doctors will be able to communicate with people in a coma.” In two sentences, write down your point of view and the how doctors will do so. (3 points)

B. Literature spot: (3 points)

Read the following lines, from *The Old Man and the Sea*, then answer the question that follows:

Santiago is an old fisherman in Cuba, but for the last eighty-four days he hasn't caught any fish His friend, a young fisherman named Manolin, helps him to bring in his empty boat every day. 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.

What is the evidence that Santiago is a very optimistic and determined person?

Question Number Two: (15 points)

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

inspire , risk , ailments , tiny , waterproof

1. You can wear your watch when you go swimming if it's _____.
2. It's amazing how huge trees grow from _____ seeds.
3. The Olympic Games often _____ young people to take up a sport.
4. Please hurry up. Let's not _____ missing the bus.

B. Study the following sentence and answer the question that follows. Write the answer down in your ANSWER BOOKLET. (3 points)

Luckily, the police arrived and the thief was caught in the act of doing something wrong.

Replace the underlined phrase with the suitable colour idiom.

C. Complete the following sentences with the suitable words derived from the words in brackets and write the answers down in your ANSWER BOOKLET. (4 points)

1. The patients were interviewed a year after starting the _____ (treat) and are fit and well.
2. _____ (paediatric) are doctors who give medicine to children.

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Question Number Three: (12 points)

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

1. We are used to _____ to news every morning. (**listen**)
2. Ahmad _____ his bachelor degree in five years time in the USA. (**do**)
3. I hope _____ an English course soon. (**attend**)

B. 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. It is familiar now for us to find homeless people in Syria.
We are _____
2. Scientists found a metal machine on the seabed in Greece that was more than 2,000 years old.
A metal machine _____
3. "Our teacher told us about the dangers of the Internet yesterday"
The students said _____

Question Number Four: (8 points)

A. The underlined words in the following sentence are not used correctly. Replace these words with the correct ones, and write the answers down in your ANSWER BOOKLET. (2 points)

Scientists hope to develop a similar device to help people whom have been affected by brain damage, which could be caused by dementia, a stroke or other a brain injuries.

B. The following sentences are in American English, rewrite them in British English, and write them down in your ANSWER BOOKLET. (4 points)

1. I usually take a shower in the morning.

2. Would anyone like to take a short recess?

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

New adult wards will have opened. Additionally, they will have built a special ten-floor outpatients' building.

What is the function of using additionally in the above sentence?

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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 grammar mistake, one punctuation mistake and two spelling mistakes). Find out these four mistakes and correct them. Write the correct answers down in your ANSWER BOOKLET.

Dennis Sorensen, a 39-year-old from denmark, was the first person to try out the new invention. After losing his left hand in an accident, he has been using a standard prosthetic hand for nine years. The new hand which was developed by Swiss and Italian scientists, was a huge improvement. With it, Sorensen could not only pick up and manepulate objects, but he could also feel them.

B. GUIDED WRITING: (4 points)

Read the information below, and then in your ANSWER BOOKLET, write two sentences using the given notes below about good and bad of building a new hospital in Irbid. Use the appropriate linking words.

Building a New Hospital in Irbid	
keep our health always checked	cause a traffic jam in the city center
save time and money	need much water and electricity

C. FREE WRITING: (7 points)

In your ANSWER BOOKLET, write a composition of about 120 words on the following topic:

1. Write an essay about the importance of teaching foreign languages in the Jordanian schools mentioning some of the benefits for both the students and the community.

-THE END-

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