



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

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. 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)**

A.

1. The writer suggests different kinds of limbs, write down two of them. (2 points)
2. Find a word that “describes an object that is manufactured by humans”. (2 points)
3. What does the underlined word “They” refer to? (2 points)
4. Quote the sentence which shows that communication with patients in a coma would be possible in the future. (3 points)
5. There are two main side effects of the other forms of cancer treatment. Write down them. (4 points)
6. The writer states that some diseases growth in the body, often causing death. Think of this statement; Mention two ways to help patients stopping the disease at early age. (2 points)
7. “A new drug will help to treat certain types of cancer almost instantly”. How far do you think this is true? (2 points)

**B. Literature Spot: (3 points)**

Read the following verses from 'I remember, I remember' by Thomas Hood's poem and then answer the questions that follow.

<sup>1</sup>The house where I was born,  
<sup>2</sup>The little window where the sun  
<sup>3</sup>Came peeping in at morn;  
<sup>4</sup>He never came a wink too soon,

<sup>5</sup>Nor brought too long a day,  
<sup>6</sup>But now, I often wish the night  
<sup>7</sup>Had borne my breath away!

1. What rhetorical device does the poet use to describe the sun?
2. Quote the line which shows that the poet was happy?

**QUESTION NUMBER TWO (15 POINTS)**

A. Choose the suitable item from those given in the box to complete each of the following sentences and write it down in your ANSWER BOOKLET. (8 points)

a bit blue      urban planning      radiotherapy      digestive      see red

The need for more effective (1) ..... is evident when we consider modern day problems like traffic.

When you (2) ....., your blood pressure is raised and you can suffer from headaches, sleep problems and (3) ..... problems.

In the near future, King Abdullah University Hospital in Irbid hopes to set up (4) ..... machines.

B. Study the following sentence and answer the question that follows. (3 Points)

Nobody goes to the new private sports club. The building is a useless possession.

Replace the English meaning of colour idiom in the above sentence with a suitable one.

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

1. There is a particular Bedouin style of weaving that buyers find very.....  
( attraction , attractive , attract )

2. Scholars have discovered an ..... document from the twelfth century.  
( origin , originally , original )

3. Adeeb rightly deserves his ..... as one of the youngest inventors in the world.  
( repute , reputation , reputed )

4. Many people expect instant cures, and prefer to get a .....  
( prescribe , prescription , prescriptive )

**QUESTION NUMBER THREE (22 POINTS)**

**A. Correct the verb between brackets then write your answers down in your ANSWER BOOKLET. (4 points)**

- Experts say there ..... a growth in the number of older people buying smartphones in the future. (be)
- I ..... my car for more than eight hours when we reached the border. (be, drive)

**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)**

- Aqaba is next to the Red Sea ----- people often go there for their holidays.  
( the , X , an )
- What new activities ----- now that you did not do in the past?  
( are you used to doing , are you used to do , aren't you used to doing )
- My students, ----- are all adults, are learning English to get better jobs.  
( who , which , where )
- Which one of the following describes predictions without evidence?  
It will be a nice day tomorrow.  
Look at those black clouds! It's going to rain soon.  
I had an accident yesterday.  
She always hated me in the past.
- Huda told me that she ----- all the ingredients for a chocolate cake the day before.  
( had bought , buy , has bought )
- If I have enough time, I ----- to my parents every week.  
( wrote , will write , write )

**C. 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. (8 Points)**

- They stopped working at 11 PM.  
It was .....
- Marah intends to change her book soon.  
Marah is .....
- Our teacher explained the lesson, and then he gave us a quiz.  
Before .....
- Farida prefers to watch films. The films are romantic.  
The films, which .....

**D. The following sentences are in American English. Rewrite them in British English and write them down in your ANSWER BOOKLET. (4 points)**

- You need to take your necklace to the jeweler to get it fixed.
- We're too late – the bus left already.
- Did you go to an aquarium yet?
- When the boat arrived at the harbor, we knew we had reached Lebanon.

## QUESTION NUMBER FOUR (18 POINTS)

### A. FREE WRITING (10 points)

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

1. Write an article about an arts or cultural event that you have been to or have read about. The first paragraph should say what was good about it, and the second should contain any criticisms that you may have.

2. Millions of people own accounts on social media these days. Write an essay mentioning the advantages and the disadvantages of them and advise people how to use theirs efficiently.

### B. GUIDED WRITING (4 points)

Read the information in the table below, and then write two sentences about how to be an ideal student in your school.

- Respecting your teachers and classmates.
- Keeping your class clean.
- Doing your homework.
- Paying attention when your teacher is talking.

### C. EDITING (4 points)

Imagine you are an editor in the Jordan Times. You are asked to edit the following dialogue that has 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.

The boy caught Sheikh Hamdan's attention with his invention – a prosthetic limb for his father. The Sheikh has taken a special interest in the boy, and hope the tour that he is sponsoring for Adeeb will give the young inventor more self-confidence and inspire other young Emirati inventors