

A. Read the following text carefully, and then in your ANSWER BOOKLET answer all the questions that follow. Your answers 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 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.

Question Number ONE (20 points)

1. Brain may be damaged by some factors. Write down two of these factors.
2. Quote the sentence which shows how the new treatment of cancer works.
3. Find a word in the text which means "signs of illness".
4. Scientists have developed brain implants for two purposes. Write them down.
5. What do the underlined words "their //It " refer to?
6. What are the benefits of using scanner on a person who is in a coma?
7. How did the patients feel after starting the treatment?
8. Quote the sentence which indicates that neuroscientists succeeded in their research/ request to make full conversation with patients in a coma.
9. The writes states that the new drug avoid cancer patients two usual side effect. Write down these two side effects.
10. How does the new drug work?
11. What are the benefits of using the new drug on patient's life?
12. How many times do doctors advise their patients to take the pill?
13. Recently, many diseases have largely spread because of some wrong//bad habits that people may do. Suggest three pieces of advice for people to reduce these diseases.

See Page Two....

Question Number Two

(20 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 answer down in your ANSWER BOOKLET. (10 points)

polymath , economic , homeopathy , calculate , share

1. These days modern technology play a vital role to present and information.
2. The accountant should the money carefully before he signs.
3. A trueis a person whose expertise spans a significant number of different subject areas.
4. The increase in the value of a country's products is an example on growth.

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

Ahmad's father saw him red when he knew about his low marks.

What does the underlined colour idiom saw red mean?

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

1. Archeologists have discovered manysculptures from the fifth century.
(origin , original , originate , originally)
2. Adeeb rightly deserves hisas one of the youngest inventors in the world for many reasons.
(repute , reputation , reputable)
3., young respect old.
(tradition , traditional , traditionally)
4. We went to the concert yesterday. The music was written by a new young composer, it was..... .
(contemporise , contemporary , temporarily)

See Page Three.....

Question Number Three :(20 points)

A. Choose the suitable item from those given to complete each of the following sentences and write it down in your ANSWER BOOKLET. (12 points)

1. Don't interrupt me! I of my exam now.
(think , am thinking , thinks , thought)
2. The new trainee in this office just from university.
(have – graduated , has - graduated , was - graduating , is - graduated)
3. By the time the police arrived, the three thieves away.
(run , has run , ran , had run)
4. My friend Fadi..... his old car two months ago.
(sold , has sold , had sold , have sold)
5. Hisham is going to have his car next week.
(repaired , has repaired , had repaired , repairing)
6. Tomorrow at 6 o'clock, we will..... out of the country.
(be going , go , have gone , are going)

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

1. My uncle opened this shop in 1996.
The year
2. We called the police, and then the police caught the thieves.
After.....
3. It is normal for my grandfather to drive his car slowly.
My grandfather is.....

Question Number Four (20 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. (12 points)

1. Most adultsa lot of coffee every day.
(drink , is drinking , drank , are drinking)
2. Two year ago, I met my manager in Al- Karak castleis in the south of Jordan.
(who , where , which , when)
3. "I can finish the report without making mistakes".
Sara said that she the report without making mistakes.
(finished , can finished , could finish , finishes)
4. The rules of hunting..... by most hunters last year.
(isn't followed , aren't followed , wasn't followed , weren't followed)
5. I find many difficulties with my new job, because Iwaking up early.
(isn't used to , use to , didn't used to , am not used to)

B. Study the following sentence and answer the question that follows.

When I was a child I used to play tennis, but now I don't.

What is the function of using used to in the above sentence?

Question Number Five (20 points)

A. EDITING:

(4points)

Imagine you are an editor in the Jordan Times. You are asked to edit the following lines that have one grammatical mistakes, two spelling mistakes and one punctuation mistake. Find out these mistakes and correct them. Write the answers in your ANSWER BOOKLET.

When you are using a computer, think about the technolojy that is needed for it to work. People have been used types of computers for thousands of years. A metal mashine was found on the seabed in Greece that was more than 2,000 years old.

B. GUIDED WRITING:

(6 points)

Read the information in the table below, and then in your ANSWER BOOKLET, write a brief biography using all the given notes below about Ibn Bassal. Use the appropriate linking words.

Name	Ibn Bassal
Place and date of birth	Al-Andalus / In the eleventh century
Profession	writer and engineer
Interests	botany and agriculture systems
Achievement	write a book about agriculture

C. FREE WRITING:

(10 points)

In your ANSWER BOOKLET, write a composition of about 80 words on ONE of the following:

1. The role of the Internet in communication has double-edge. Write an essay about the advantages and disadvantages of the Internet.
2. The Jerash Festival for Culture and Arts was founded In 1981 CE. It is one of the largest cultural activities in the region. Write an essay about the benefits of these cultural activities and their impacts on our national income.

THE END

Question Number ONE (20 points)

1. a. dementia b. a stroke c. brain injuries.
2. The new treatment works by blocking a protein which causes cancerous cells to grow.
3. Symptoms
4. improve vision or allow disabled people to use their thoughts in order to control prosthetic limbs.
5. “**their** disabled people “**It**” A new cancer drug
6. proves that he has a conscious, thinking mind
7. fit and well
8. Two years later, it has finally happened.
9. sickness and hair loss
10. blocking a protein which causes cancerous cells to grow.
11. It will improve patients’ life expectancy and quality of life much more quickly than any other treatment.
12. It is taken as a single pill every morning,
13. Any three suggestions

Question Number Two

A. (10 points)

1. share 2. calculate 3. polymath 4. economic

B. anger // angry

- C. 1. original 2. reputation 3. traditionally 4. contemporary

Question Number Three

- A. 1. am thinking 2. has - graduated 3. had run 4. sold 5. repaired 6. be going

B.

1. **The year** when my uncle opened this shop was in 1996. .
2. **After** we had called the police, the police caught the thieves.
3. **My grandfather** is sued to driving his car slowly.

Question Number Four

A.

1. drink 2. which 3. could finish 4. weren’t followed 5. am not used to

B. past habits that have now changed.

Question Number Five

- A. **EDITING:** 1. technology 2. using 3. years . A metal 4. machine

B. **GUIDED WRITING:** open answer

C. **FREE WRITING:** free answer