

Read the following text carefully, and then answer the questions that follow. Your answers should be based on the information in the text.

Scientists have successfully invented a prosthetic hand with a sense of touch. It is an exciting new invention, which they plan to develop. It is possible that, in the not-too-distant future, similar artificial arms and legs will have taken the place of today's prosthetic limbs.

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 had 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 manipulate objects, but he could also feel them. 'When I held an object, I could feel if it was soft or hard, round or square,' he explained. He said that the sensations were almost the same as the ones he felt with his other hand.

Unfortunately, Sorensen was only taking part in trials, and the equipment is not ready for general use yet. He was only allowed to wear it for a month, for safety reasons. So now he has his old artificial hand back. However, he hopes that soon he will be wearing the new type of hand again. He is looking forward to the time when similar artificial limbs are available for the thousands of people who need them. He will have helped to transform their lives.

Question Number One

A

- 1- The writer mentions two reasons why Sorensen wore the new prosthetic hand for only one month. Write down these two reasons.
- 2- What does the underlined word (ones) refer to?
- 3- Quote the sentence which shows the nationality of the scientists who developed the new prosthetic hand.
- 4- The writer mentions some features of the new prosthetic hand. Write down two of these features.
- 5- Find a word in the text which is the opposite of the word "natural".
- 6- The writer says that the new prosthetic hand is different from the old artificial hands. Is he justified? Explain your answer.
- 7- People with disabilities are part of the community. Think of this statement and, in two sentences, write down your point of view.

B. LITERATURE SPOT

Read the following lines from *I remember, I remember* then answer the question that follows.

I remember, I remember,
The fir trees dark and high;
I used to think their slender tops
Were close against the sky:
It was a childish ignorance,

- 1- The poet refers to his 'childish ignorance'. What was he ignorant about?
- 2- The poet uses two adjectives to describe the fir trees. Write them down.

QUESTION NUMBER TWO

A. Choose the suitable item from those given in the box to complete each of the sentences. There are more words than you need.

sustainability astronomers ailments textiles physician mortality prosthetic

1. A telescope enablesto observe the stars.
2. The nature reserve uses recycled water, which helps theof the environment.
3. Athletes withlegs can take part in the Paralympics.
4. Professor Badari, aged 67, is the hospital's leadingspecialising in cancer care.
5. My sister wants to be a fashion designer and work with
6. Older people tend to suffer from morethan the young.
7. Doctors look at the **signs of illness** before they decide how to treat the patient.
(dementia, medical trials, symptoms)
8. Fatima is planning toa course at university.
(attend, make, catch)

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

- 1- Suzan uses the internet to **research** information.
- 2- Fatima **presents** her information to the class every Sunday.

Explain the difference in meaning between the underlined words in the above sentences.

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

Farmers grow different types of trees. **In addition**, they grow vegetables.

What is the function of the "**In addition**" in the above sentence?

D. Complete the following sentences with the suitable word derived from the words in brackets and write the answers down in YOUR ANSWER BOOKLET.

- 1-, Bedouin tribes over Jordan produce rugs, bags and other beautiful items.
(Traditional, Traditionally, Tradition)
- 2- The lifefigures show that Jordan's healthcare system is successful.
(expectancy, expect, expectation)
- 3- Laila's parents want her to studyat university.
(translator, translate, translation)
- 4- Another craft practised in Madaba is theof ceramic items.
(creation, creative, creatively)

SEE PAGE THREE

PAGE THREE

- 5- Do you think the computer is the most important.....ever?
(invent, invention, inventor)
- 6- Scholars have discovered andocument from the twelfth century.
(origin, originality, original)

Question Number Three

A. Choose the correct answer from those given to complete each of the following sentences. Write your answers down in your ANSWER BOOKLET.

- 1- In three years' time, my sister willfrom her company.
(have retired, have retired, have retired)
- 2- The language that people speak in Jordan isArabic.
(a, the, an, X)
- 3- You can borrow this book tomorrow. I will.....it by then.
(have finished, have finish, has finished)
- 4- Soon, wepacking for our holiday.
(re going to, 'll be, 're going, 'll have)
- 5- Please slow down, I'mwalking so fast.
(not use to, used to, not used to, use to)
- 6- London,is the capital of the UK, is a huge city.
(which, who, where, when)
- 7- My brother has been learning to playpiano for months.
(a, the, an, X)
- 8- Will youus at the library this afternoon?
(be meet, be meeting, meeting)
- 9- Rami has broken his arm. Hea lot of lessons at school.
(is going to miss, going to miss, will missing)
- 10- My brother hopesan engineer one day.
(to being, to be, to been)
- 11- Alia comes from Amman, but shein Irbid for a few weeks.
(stays, stay, was staying, is stay)
- 12- Look! Nadiatable tennis for two hours.
(had been playing, has been playing, have been playing)
- 13- If Fatimacomputer games all day, she won't have time to study.
(plays, play, played)

B. Replace the underlined misused verb in the sentence below to form a correct collocation.

Sara started to get interest in arts while she was at university.

C. Choose the suitable item from those given to fill in the blanks in each of the following items, then write it down in your ANSWER BOOKLET.(10 points)

1. I have met the lady-----helped me a few weeks ago.
(who , which, where , whose)
2. Excuse me! Is therechemist's near here. I want to buy cough syrup?
(the, a, an, x)

SEE PAGE FOUR

PAGE FOUR

3. By 2019 CE, my brotherfrom university.
(will have graduated, will be graduate, will graduated)
4. My neighbourto study English at university.
(intend, intending, intends)
5. How did they to school when they were six years old?
(used to go, use to go, used to going, use to going)
6. In two years' time, Sarafor her new company.
(will be work, will be working, will have work)
7. Nadia hasthe oud really hard.
(been practising , been practise, been practised)
8. Nadera football match when it started to rain.
(was watching, watch, has watched)
9. Look at those boys. They arethe street soon.
(going to crossing, going to cross, going cross)
10. Are your friendsswimming in the pool every morning?
(used to, using to , use to)
11. It was at 8 o'clockmy brother stopped working.
(when, which, where)
12. Petra was an important city untilhuge earthquake destroyed it in 663 CE.
(the, an, a)
13. Rami has broken his leg. Ita long time to get better.
(is going take, is going to take, is going to taking)
14. By the time you get back, I willall the questions.
(be answer, have answered, answered)
15. Will youall your homework by 8 p.m. tonight?
(doing / be doing / have done)

Question Number Four

A. complete each of the following items so that new items has a similar meaning to the one before it, and write it down in your ANSWER BOOKLET.

1. Maha started studying at 8 o'clock. It is now 10 o'clock and she is still studying.
Maha hassince eight o'clock.
2. The heat made the journey unpleasant.
It was
3. I would like to buy a new car next year.
The thing
4. The Nabateans built Petra thousands of years ago.
The people
5. Amman is the capital of Jordan. It is a huge city.
Amman,
6. Ali intends to finish his project tonight.
Ali is
7. It isn't familiar for my brother to answer French questions.
My brother is
8. My friend's final book made him famous all over the world.
It was

SEE PAGE FIVE

PAGE FIVE

B. Study the following dialogue which contains incorrect information. Complete the second part of the dialogue. Write the answer in your ANSWER BOOKLET.

Fatima: A good way to cope with **stress** is to work hard.

Laila: No, it isn't. You should

C. The following sentences are in American English. Rewrite them in British English and write them down in your ANSWER BOOKLET.

1- I'd like to take a look at those paintings that your neighbor has recently bought.
.....

2- Did you hear that the meeting will be canceled?
.....

3- Ahmed's next holiday to France will be in fall.
.....

4- After the hard day, garbage collectors take a shower.
.....

5- 'Gosh, you've gotten very tall!' said my aunt.
.....

6- Jamal's already done his project about the new sports center.
.....

7- Did you ever go to a fitness center?
.....

Question number five

A. EDITING:

Imagine you are an editor in Jordan times. You are asked to edit the following text that have three mistakes. Correct the mistakes and write the answers in your ANSWER BOOKLET.

The Jordan National Gallery of Fine Arts is one of the most important art museums in the Middle East. The collection included over 2,000 works of art, including paintings, **skulptures**, photographs. **installasions**, textiles and ceramics, by more than 800 artists from 59 countries. In 2013 CE, it held Jordan's largest art exhibition called "70 Years of Contemporary Jordanian Art."

'The sand gives us **transparant**, or "white", glass,' Adnan explains. 'We get this beautiful dark, cobalt blue by adding the metal cobalt to the melted glass, Then, this blue become a lighter, sea-green **terquoise** after adding copper, Finally, we decorate the glass by hand.'

Scientists will say that exercise is not only important for general fitness; but it is also good for the **brian**, it helped us **koncentrate** better? As a result, we perform better in exams.

SEE PAGE FIVE

B. GUIDED WRITING:

Read the information in the table below, and then in your ANSWER BOOKLET, write two sentences about the city. Use the appropriate linking words such as: and, too, also, etc.

| The benefits of exchanging emails |
|---|
| <ul style="list-style-type: none">- share information- send photos- store information for future use- help other students with tasks. |
| The advantages of "the internet of things" at home |
| <ul style="list-style-type: none">- control washing machines and cookers- save energy / lights go off an on automatically- make life easier and more comfortable- keep a track both on the quality and the viability of things |
| The reasons of obesity |
| <ul style="list-style-type: none">- too much junk or fast food- lack of exercise- food availability- modern technology |

Name: Ibn Sina

Date of birth: (August 22, 980 CE)

Date of death: (June 21, 1037 CE)

Profession: scientist, poet, physician, astronomer (polymath)

Achievements: Islamic philosophy, Al Qanun fi-Tibb

Name: Ibn Bassal

Date: lived in the eleventh century CE

Location: Al-Andalus

Occupation and Interests: writer, scientist and engineer /interested in botany and agriculture

Achievements: writing *A Book of Agriculture*; designing water pumps and irrigation systems

Legacy: agricultural instructions and advice

C. FREE WRITING:

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

- 1- Human values are so essential in building nations. Write an article about some of the values in our society, explaining how they are supposed to contribute to the welfare of future generations.
- 2- The advantages and disadvantages of the life in cities.

THE END

العلماء الذين هم في الدنيا والذين هم في الآخرة

عدنان السخني

Question Number One

A

- 1- Sorensen was only taking part in trials, and the equipment is not ready for general use yet.
- 2- sensations
- 3- The new hand, which was developed by Swiss and Italian scientists, was a huge improvement.
- 4- With it, Sorensen could not only pick up and manipulate objects, but he could also feel them
- 5- artificial
- 6- Yes. Sorensen says, 'When I held an object, I could feel if it was soft or hard, round or square,' he explained. He said that the sensations were almost the same as the **ones** he felt with his other hand.
- 7- That is right. We can help them by taking them out, invite them to participate in public activities / invent prosthetic limbs to help them carry out their daily activities easily.

B: Literature Spot.

- 1- He used to think that the trees slender tops were close to the sky.
- 2- dark and high

QUESTION NUMBER TWO

- A 1. astronomers 2. sustainability 3. disabilities 4. physician 5. textiles 6. ailments 7. symptoms 8. attend
 B made him see post
 C Expressing continuation / addition
 D 1. Traditionally 2. expectancy 3. translation 4. creation 5. invention 6. original

Question Number Three

- A 1- have graduated 2- X 3. have finished 4. "I'll be 5. not to walking 6. which 7. the 8. be meeting 9. is going to miss
 10. to be 11. is staying 12. has been playing 13. Plays
 B take
 C 1- who 2- a 3. will have graduated 4. intends 5. use to go 6. will be working 7. been practising 8. Was watching
 9. going to rain 10. Use to go 11. when 12. a 13. is going to take 14. have answered 15. have done

Question Number Four

- A 1. Maha has been studying since
 2. It the heat that made the journey unpleasant / It was the journey that the heat made unpleasant.
 3. The thing which I would like to buy next year is a car.
 4. The people who built Petra were the Nabateans
 5. Amman, which is a huge city, is the capital of Jordan
 6. Ali is planning to
 7. My brother is not used to answering French Questions.
 8. It was my friend's final book that / which made him famous all over the world.
 B have a rest and do some exercise
 C 1-have a lookneighbour
 2. Have you heardcancelled?
 3.vacationin fall
 4.rubbishhave a shower
 5. Goodness you've got very tall....
 6.already did hissports centre

Question Number Five

, insomnia migraine said

transparent becomes turquoise . Finally
 includes , sculpture installations
 say , brain concentrate