

DATE:

TIME: 1 HOUR AND A HALF

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

It's normal to feel a bit blue from time to time. However, studies show that negative emotions can harm the body. Anger can also have harmful effects on health. When you see **red**, your blood pressure is raised and you can suffer from headaches, sleep problems and digestive problems. However, what about positive feelings and attitudes? Until recently, scientists had not investigated whether there is a link between positive feelings and good health.

Then, in a study that had followed more than 6,000 men and women aged 25 to 74 for 20 years, researchers found that positivity reduced the risk of heart disease. Other factors influencing health included a supportive network of family and friends, and an optimistic outlook on life.

The research showed that children who were more able to stay focused on a task, and who had a more positive attitude to life at age seven, were usually in better health 30 years later. The study has been controversial. Some health professionals believe that bad lifestyle choices, such as smoking or lack of exercise, are the reason for heart disease and other illnesses, and not an individual's attitude. The researchers, while agreeing, raise the question: why are people making bad lifestyle decisions? Do more optimistic people make better and healthier lifestyle choices?

The researchers appreciate that not everyone's personal circumstances and environment make it possible to live without worry. However, **they** believe that if we teach children to develop positive thinking, and to 'bounce back' after a setback, these qualities will improve their overall health in the future.

1. There are many possible effects of anger on someone's health. Write down two of these effects.
2. Quote the sentence which indicates that it's familiar to be sad from time to time.
3. There are many factors influencing health in a positive way. Write down two of these factors.
4. There are two things we should do to improve our children's overall health in the future. Write down these two things.
5. What does the underlined word **they** refer to?
6. The writer believes that bad lifestyle choices are the reason for heart disease. Write down these two bad lifestyles.
7. It has been proved that anger causes many diseases. Suggest three ways to overcome this problem.

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Health conditions in Jordan are among the best in the Middle East. This is largely due to the country's commitment to making healthcare for all a top priority. Advances in education, economic conditions, sanitation, clean water, diet and housing have made our community healthier.

As a result of careful planning, the number of healthcare services has been increasing rapidly over the past years. More than 800 different kinds of healthcare centres have been built, as well as 188 dental clinics. In 2012 CE, 98 per cent of Jordanian children were fully immunised, thanks to immunisation teams that had been working towards this goal for several years. Although there were remote areas of the country where people had been without consistent access to electricity and safe water, almost 99 per cent of the country's population now has access.

Although the country has been focusing mainly on improving its primary healthcare facilities, it has not neglected its advanced medical facilities. The reputation of Jordanian doctors has spread in the region, and now many more patients come to Jordan for open heart surgery. In Jordan, the open heart surgery programme started in 1970 CE in Amman.

The life expectancy figures show that Jordan's healthcare system is successful. In 1965 CE, the average Jordanian's life expectancy was age 50. In 2012 CE, this average life expectancy had risen to 73.5. According to UNICEF statistics, between 1981 CE and 1991 CE, Jordan's infant 26 mortality rates declined more rapidly than anywhere else in the world – from 70 deaths per 1,000 births in 1981 CE to only 15 deaths per 1,000 births in 2014 CE. The low infant mortality rate, as well as the excellent healthcare system, have been contributing factors to Jordan's healthy population growth, which will result in a strong work force with economic benefits for the whole country.

1- There are many factors have made Jordanian's community healthier. Write down two of them. (4 points)

2- There are two factors have been contributing to Jordan's healthy population growth.

Write down these two factors(4 points)

3- Write down the sentence which indicates that most of Jordanian villages were supplied with electricity and water. (3 points)

4- Find a word in the report which means “ decreased in quantity or importance” (2 points)

5- What does the underlined word (where) in the third paragraph refer to?

B- Critical Thinking (5 points)

1- The writer states that children in Jordan are vaccinated against many illnesses. Explain this statement , mentioning three kinds of these illnesses. (3 points)

2- Health conditions in Jordan are among the best in the Middle East. Explain this statement and , in two sentences , write down your point of view. (2 points)

THE HASHEMITE KINGDOM OF JORDDAN-MINISTRY OF EDUCATION

GENERAL SECONDARY CERTIFICATE EXAMINATION-2018

GENERAL ENGLISH

الدورة الشتوية / المستوى الثالث نموذج القطع الأستاذ محمد الحارون

DATE:

TIME: 1 HOUR AND A HALF

Adnan, a professional craftsman, is at work in his studio. With the oven at 1,400 degrees Centigrade, 20 hours a day, a glass-making studio isn't the most comfortable place to be. For Adnan, however, this is more than just a job. 'My family has been blowing glass for around 700 years,' he says. 'My father learnt the craft from his father, and he taught it to me when I was a child.' Adnan is passionate about this ancient craft, and regularly gives demonstrations and workshops to teach young people the skills of glassblowing. He strongly believes that unless we interest more young people in learning the craft, nobody will know how to make hand-blown glass in the future. 'These days, young people don't always want to follow their parents' professions, and, added to that, glassblowing isn't an easy job. It has to be an obsession, as it is for me!'

Adnan still uses the technique that was first developed by the Phoenicians some 2,000 years ago. First, he pushes a thin metal blow pipe into the boiling hot furnace. Secondly, he lifts out the liquid sand and lays it on a metal plate. After that, he blows the red-hot glass until it becomes more flexible. Then he pulls and bends the glass into shape. He has to work extremely quickly because the liquid sand is already solidifying into glass. Adnan is making a delicate swan. Through the semi-opaque glass, you can see fine lines of turquoise, green and blue. 'The sand gives us transparent, or "white", glass,' Adnan explains. 'We get this beautiful dark, cobalt blue by adding the metal cobalt to the melted glass. Then, this blue becomes a lighter, sea-green turquoise after adding copper.'

Finally, we decorate the glass by hand. 'These days we recycle broken glass. We also use commercially produced colours instead of using natural ingredients as in the past. Apart from that, nothing else about this craft has changed through the centuries. You can't use a machine to do this work,' he says. 'The old ways are still the best.'

1. The article states that there are four steps to make glass. Write down two of them.
2. Find a word in the text which means "a container of some sort to hold the metal and it's very hot".
3. Write down the sentence which indicates that technology can't be used in glass making.
4. What does the underlined word "their" refer to?
5. There are two things which have been changed in Adnan's craft now. Write them down.
6. Individuals and governments must work together to preserve ancient crafts. Explain this statement. Suggest three ways to preserve traditional crafts.
7. Traditional crafts are not easy thing to do. Think of this statement. And in two sentences, write down your point of view.

B . Critical thinking : (5 points)

1. the writer states that individuals and governments must work together to preserve ancient crafts. Explain this statement. Suggesting three ways to preserve traditional crafts.
2. Traditional crafts are in disappearing. Think of statement and , in two sentences , write down your point of view.

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GENERAL SECONDARY CERTIFICATE EXAMINATION-2018
GENERAL ENGLISH

الدورة الشتوية / المستوى الثالث نموذج القطع الأستاذ محمد الحارون

DATE:

TIME: 1 HOUR AND A HALF

Ten-year-old Adeeb al-Balooshi, from Dubai, is going to travel to seven countries on a tour which has been organised and funded by Sheikh Hamdan bin Mohammad, Crown Prince of Dubai. 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 hopes the tour that he is sponsoring for Adeeb will give the young inventor more self-confidence and inspire other young Emirati inventors. Adeeb got the idea for a special kind of prosthetic c leg while he was at the beach with his family. His father, who wears an artificial leg, could not swim in the sea as he could not risk getting his leg wet. This inspired Adeeb to invent a waterproof prosthetic leg.

Adeeb is going to visit the USA, France, the UK, Ireland, Belgium, Italy and Germany, where he will be staying with relatives. However, while he is in Germany, Adeeb will not be spending all his time sightseeing. He will be working with a specialist doctor to build the appendage. He will also be catching a course on prosthetics and learning about different kinds of medical apparatus. Adeeb has invented several other devices, including a tiny cleaning robot and a heart monitor, which is attached to a car seat belt. In the case of an emergency, rescue services and the driver's family will be automatically connected with the driver through this special checking device. He has also invented a fireproof helmet. This special equipment, which has a built-in camera system, will help rescue workers in emergencies. It is for these reasons that Adeeb rightly deserves his reputation as one of the youngest inventors in the world.

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, he⁶ 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. 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.

- 1- The article mentions different devices that Adeeb invented. Write down two of these devices.
- 2- Sheikh Hamdan bin Mohammad offered Adeeb a world tour for two causes. Write these two causes.
- 3- Replace the underlined word " sponsoring " with its suitable synonym.
Or Replace the underlined collocation " catching a course " with the correct collocation.
- 4- Quote the sentence which indicates that Adeeb isn't visiting Europe for tourism only.
- 5- What does the underlined word " he " refer to?
- 6- According to the writer, Sheikh Hamdan motivated Adeeb to achieve further success. suggest three ways to motivate young people to develop their abilities.
- 7- Adeeb Al-Baloshi invented a heart monitor which was built into the seat belt. Think of this statement, in two sentences; write your point of view.
8. According to the last paragraph, what is the opposite of the underlined word?
9. According to the third paragraph, who was the first person to try out the new invention?

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1. When you see red, your blood pressure is raised and you can suffer from headaches, sleep problems and digestive problems.
2. "It's normal to feel a bit blue from time to time."
3. a supportive network of family and friends, and an optimistic outlook on life.
4. If we teach children to develop positive thinking, and to 'bounce back' after a setback.
5. the researchers
6. such as smoking or lack of exercise,

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- A. 1. Advances in education, economic conditions. (4 points)
2. The low infant mortality rate, as well as the excellent healthcare system (4 points)
3. Although there were remote areas of the country where people had been without consistent access to electricity and safe water, almost 99 per cent of the country's population now has access. (3 points)
4. decline. (2 points)
5. remote areas of the country (2 points)

B. Critical Thinking

There are many kinds of these illnesses like tetanus, polio and measles. Also, they are vaccinated against smallpox. 2. I think that Health conditions in Jordan are among the best in the Middle East. This because the country's commitment to make healthcare for all a top priority. The number of healthcare services has been increasing rapidly over the past years and 98 per cent of Jordanian children were fully immunized. Life expectancy had risen to 73.5 and infant mortality rates have fallen down. (5 points)

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1. First, he pushes a thin metal blow pipe into the boiling hot furnace. Secondly, he lifts out the liquid sand and lays it on a metal plate. After that, he blows the red-hot glass until it becomes more flexible.
 2. Furnace
 3. You can't use a machine to do this work,' he says. 'The old ways are still the best.'
 4. Young people
 5. a. These days they recycle broken glass. b. They also use commercially produced colours instead of using natural ingredients as in the past.
 - 6- a, we should establish special training centres people to learn ancient handicrafts.
b. we should help young people sell their production of these crafts. c- providing them with advanced machines.
 - 7- they need hard effort .They need expensive tools - They need a lot of time.

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- 1- a tiny cleaning robot and a heart monitor, a waterproof prosthetic leg, a fireproof helmet.
 - 2- He offered Adeeb the world tour to help to give him more self-confidence and to inspire other young inventors from the UAE.
 - 3- Funding / (attending a course)
 - 4- However, while he is in Germany, Adeeb will not be spending all his time sightseeing. 5- his father.
 - 6- funding their inventions, introducing them to media, giving them prizes.
- The in-car heart monitor will be used to monitor on those with a heart problem while they are driving or in a car. It is built into the seat belt so that when the driver or passenger wears it, it is near their heart.
8. natural 9. Dennis Sorensen