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# المنهاج الجديد اللغة الإنجليزية

توجيهي كافة الفروع الأكاديمية - المستوى الثالث

## الملف النهائي

إعداد المعلم :

## عماد صوالحة

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مكتبة الوسام

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المعلم : عماد صوالحة

## الملف النهائي المنهاج الجديد 2015-2016

### تاريخ الحاسوب The history of computer

When you are using a computer think about the technology that's needed for it to work. People have been using types of computer for thousands of years. A metal machine was found on the seabed in Greece that was more than 2,000 years old. It is believed that this was the first ever computer. In the 1940s, technology had developed enough for inventors to make the first generation of modern computers. One such model was so large it needed a room that was 167 square meters to put it in. During that decade, Scientists in England developed the first computer program. It took 25 minutes to complete one calculation. In 1958 CE, the computer chip was developed.

The first computer game was produced in 1962 CE, followed two years later by the computer mouse. In 1971 CE, the floppy disk was invented which meant that information could be shared between computers for the first time. The first PC (personal computer) was produced in 1974 CE, so people could buy computers to use at home. In 1983 CE, people could buy a laptop for the first time. Then, in 1990 CE, the British scientist Tim Benners-Lee developed the World Wide Web. However, it was not until 2007 CE that the first smart phones appeared. Today, most people use their mobile phones every day.

What will happen in the future? You can already buy watches which can do the same as mobile phones. Scientists have also developed glasses that can do as much as this and more. Life in the future is going to see further changes in computer technology. It is likely that all aspects of everyday life rely on computer program, from how we travel to how our homes are heated.

### الاسئلة Questions

- 1- Where was the first ever computer found?
- 2 -What information in the text shows that the first modern computers were very large?
- 3- There are many inventions that were completed between 1958 CE and 1975 CE. Write down two of these inventions.
- 4- How do you think computer technology will develop further in the future? How far do you agree with the article?
- 5- We rely more and more on computer technology. How far do you agree that this is a positive development?

- 6- Write down the sentence which indicates that the size of the first generation of the modern computers was so large.
- 7- Quote the sentence which indicates that information could be shared between computers for the first time?
- 8- Quote the sentence which shows the date when people could own a laptop for the first time?
- 9- What are the machines which can do the same as mobile phones?
- 10- According to the text, two machines can do the same as mobile phones. Mention them.
- 11- The writer thinks that life in the future is going to see further changes in computer technology. Explain this statement and justify your answer.
- 12- Quote the sentence which indicates that computer technology will see more development in future.
- 13- There are two invention were completed in 1940s. write down these two inventions.
- 14- Computer programs may affect all aspects of everyday life in the future. Mention two of these aspects.
- 15- Two things were produced in 1960s. Write them down.
- 16- Find a word in the fifth paragraph which means "all the information shared by computers through the internet".
- 17- What does the underlined word "which" refer to?
- 18- What does the underlined word "it" refer to?

### الاجوبة

- 1- It was found on the seabed in Greece.
- 2- one such model was so large it needed a room that was 167 square metres to put it in.
- 3- اي اجابتين من هذه الاجابات  
1) In 1958CE, the computer chip was developed. 2) The first computer game was produced in 1962CE. 3) Followed two years later by the computer mouse.  
4) In 1971CE, the floppy disk was invented. 5) The first Pc was produced in 1974CE .
- 4- According to the text, everything in our life will rely on computer. But I don't agree with the article because I don't think that all aspects of our daily lives will rely on a computer program. Because this would results in too many problems if the computers crashed.
- 5- I agree that computers have enable us to do many great things overly reliant on technology isn't a positive aspect of this development.
- 6- One such model was so large it needed a room that was 167 square meters to put it in.
- 7- In 1971CE, the floppy disk was invented. Which meant that information could be shared between computers for the first time.

- 8- In 1983, people could buy a laptop for the first time.  
9- Watches and glasses.                      10- Watches and glasses.  
11- life in the future is going to see further changes in computer technology. It is likely that all aspects of everyday life will rely on a computer program, from how we travel to how our homes are heated.  
12- Life in the future is going to see further changes in computer technology.  
13- the first generation of modern computers and the first computer program.  
14- how to travel and how our homes are heated.  
15- the first computer game and the computer mouse.  
16- World Wide Web.  
17- watches            18- One such model

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**Critical thinking:**

**1- According to the text the writer states that most people use their mobile phones everyday. Explain this statement and mention two usages of mobile phones.**

People use mobile phones every day for many purposes such as calling, internet taking photos, watching films and listening to music.

**2- The writer states that the World Wide Web was developed in 1990. Explain this statement and mention three benefits of using it.**

In 1990 CE, the British scientist Tim Better Lee developed the World Wide Web. There are many benefits for it such as reading books, communicating with people, watching films and sending emails.

### العلاج التكميلي Complementary medicine:

Most doctors used to be sceptical about the validity of homoeopathy, acupuncture and other forms of complementary medicine. If patients wanted to receive this kind of nonconventional treatment, they used to have to consult a private practitioner who was likely not to have a medical degree. However, in recent years, the perception of this type of treatment has changed. These days, many family doctors study complementary medicine alongside conventional treatments, and many complementary medicine consultants also have medical degrees.

Whereas critics used to say that there was no scientific evidence that non-conventional treatments actually worked, now it is more common for medical experts to recognise that conventional medicine may not always be the only way to treat an ailment. At a surgery in London, 70 per cent of patients who were offered the choice between a herbal or a conventional medicine for common complaints such as insomnia, arthritis and migraines chose the herbal remedy. Fifty per cent of patients then said that the treatment helped. One doctor said, "I now consider homoeopathy to be a viable option for many different conditions, including anxiety, depression and certain allergies. It provides another option when conventional medicine does not address the problem adequately."

However, complementary medicine cannot be used for all medical treatments. It can never substitute for immunisations as it will not produce the antibodies needed to protect against childhood diseases. It also cannot be used to protect against malaria. One doctor said, "I will always turn to conventional medical treatment first to ensure that no underlying condition is missed. However, the idea of complementary treatments is no longer an alien concept. In my opinion, it should work alongside modern medicine, and not against it."

### الاسئلة

- 1- What medical conditions may it be possible to treat using complementary medicine?
- 2- What were most doctors' feelings like regarding homoeopathy?
- 3- There are two parties who practice homoeopathy. Write down these two parties.
- 4- Conventional medicine can treat common complaints. Write down two of these complaints.
- 5- Find a word from the text which means the same as "illness"
- 6- Complementary medicine can never substitute for immunizations for two reasons. Write down these two reasons.
- 7- Quote the sentence which indicates that doctors now deal with nonconventional treatment.
- 8- What does the underlined word they in the text refer to?
- 9- Rewrite the underlined word recognise in American language.

### الاجابات Answers

- 1- Common complaints such as: insomnia, arthritis and migraines, anxiety, depression and certain allergies.
- 2- Most doctors used to be sceptical about the validity of homoeopathy and other forms of complementary medicine.
- 3- Private practitioners and conventional doctors practice homoeopathy.
- 4- insomnia, arthritis and migraines
- 5- ailment.
- 6- as it will not produce the antibodies needed to protect against childhood diseases. It also cannot be used to protect against malaria.
- 7- These days, many family doctors study complementary medicine alongside conventional treatments, and many complementary medicine consultants also have medical degrees.
- 8- patients
- 9- recognize

### Critical thinking

1-The writer thinks that people's perception of complementary medicine has changed over time. Explain this statement.

People's perception of complementary medicine has changed because they found that these types of treatment worked with no side effects, they also found that conventional doctors were studying more and more about these non-conventional ways of treatment.

2- Complementary treatments should work alongside modern medicine, not against it. Think of this statement and in two sentences write down your point of view.

Doctors should use complementary treatments with the scientific ways they have learned. They should not neglect them nor depend on them all the time. They should use them to cure common complaints such as: insomnia, arthritis and migraines, anxiety, depression and certain allergies.

الألقاب ليست سوى وسام للحمقى والرجال العظام ليسوا بحاجة لغير اسمهم

## Health in Jordan: A report الصحة في الاردن

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 mortality rates declined more rapidly than anywhere else in the world – from 70 deaths per 1,000 births in 1981 CE to only 32 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.

### الاسئلة

- 1- There are many factors that made Jordanian's community healthier. Write down two of these factors.
- 2- There are two factors have been contributing to Jordan's healthy population growth. Write down these two factors.
- 3- Write down the sentence which shows the sectors that helped in making Jordan healthier.
- 4- What made the number of healthcare services increase in Jordan over the past years?
- 5- Find a word from the text which means "relating to the teeth"
- 6- There are many results of careful planning. Write down two of these results.
- 7- What does the underlined word its in the text refer to?
- 8- Rewrite the underlined British word programme in American English.

## Critical Thinking

Health conditions in Jordan are among the best in the Middle East. Think of this statement and in two sentences write down your point of view.

### Answers الاجوبة

1- اي اجابتين من هذه الاجابات -

Advances in education, economic conditions, sanitation, clean water, diet and housing

2- The low infant mortality rate, as well as the excellent healthcare system

3- Advances in education, economic conditions, sanitation, clean water, diet and housing have made our community healthier.

4- The number of healthcare services has been increasing rapidly over the past years as a result of careful planning.

5- Dental

6- 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.

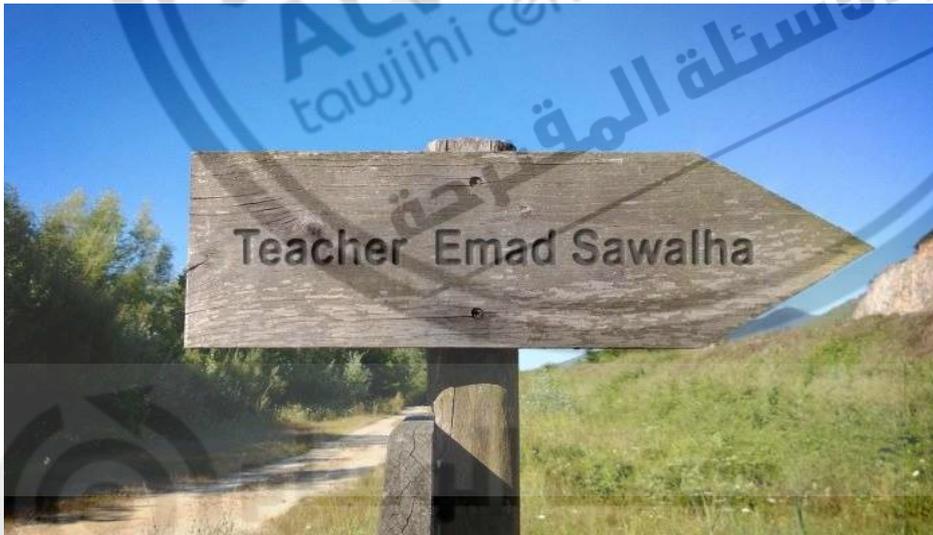
7- The country

8- program

### Critical thinking

This is largely due to the country's commitment to making 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.

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## مركز الحسين للسرطان The King Hussein Cancer Center

The King Hussein Cancer Center (KHCC) is Jordan's only comprehensive cancer treatment centre. It treats both adult and **pediatric** patients. As the population of the country increases, more and more families will rely on the hospital for cancer treatment. Patients come not only from Jordan but also from other countries in the region, as **they** are attracted by its excellent reputation, lower costs, and cultural and language similarities.

In order to cope with the increase in demand for treatment, the KHCC has begun an expansion programme. Building started in 2011 CE. The hospital will have more than doubled its capacity by 2016 CE, increasing space for new cancer cases from 3,500 per year to 9,000. By then, they will have added 182 extra beds, along with bigger units for different departments, including radiotherapy. New adult and paediatric wards will have opened. Additionally, they will have built a special ten-floor outpatients' building, with an education centre which will include teaching rooms and a library.

Many cancer patients live far away from Amman, where the KHCC is located, and the journey to and from the hospital is often difficult. For this reason, there are plans to extend cancer care facilities to other parts of Jordan. In the near future, King Abdullah University Hospital in Irbid hopes to set up radiotherapy machines, so that cancer patients from northern Jordan will not have to go to Amman for radiotherapy treatment.

### الاسئلة

- 1- Why does the hospital need to expand?
- 2- Give three reasons why patients from other countries visit the centre.
- 3- What is one of the disadvantages of the KHCC for patients who live far from Amman?
- 4- What plans are there for increasing cancer care facilities in other parts of Jordan?
- 5- What does KHCC stand for?
- 6- What does the underlined word "**paediatric**" mean?
- 7- What is the current capacity rate of KHCC per year?
- 8- There are many the things that will be added to the hospital by 2016. Write down two of these things.
- 9- Why is it important to extend cancer care facilities to other parts of Jordan?
- 10- What is the advantage of starting a radiotherapy unit in King Abdullah University Hospital?
- 11- Where is King Abdullah University Hospital located?
- 12- What does the education centre in KHCC include?
- 13- Quote the sentence which shows that the hospital is an attractive medical centre for many Jordanians and Arabs.
- 14- What does the underlined word **they** refer to?

**Answers: الاجوبة**

- 1- Because the population of the country increases, more and more families will rely on the hospital for cancer treatment so it needs to expand
- 2- as they are attracted by the hospital's excellent reputation, lower costs, and cultural and language similarities.
- 3- The journey to and from the hospital is often difficult.
- 4- In the near future, King Abdullah University Hospital in Irbid hopes to set up radiotherapy machines, so that cancer patients from northern Jordan will not have to go to Amman for radiotherapy treatment.
- 5- The King Hussein Cancer Center.
- 6- describing the area of medicine that deals with children and their illnesses.
- 7- The hospital's capacity is 3,500 per year.
- 8- They will have added 182 extra beds, along with bigger units for different departments, including radiotherapy.
- 9- Many cancer patients live far away from Amman, where the KHCC is located, and the journey to and from the hospital is often difficult.
- 10- Cancer patients from northern Jordan will not have to go to Amman for radiotherapy treatment.
- 11- in Irbid.
- 12- The education centre includes teaching rooms and a library.
- 13- Patients come not only from Jordan but also from other countries in the region.
- 14- Patients

**Critical thinking**

“Wherever the art of Medicine is loved, there is also a love of Humanity. Think of this statement and in two sentences write down your point of view.

Yes, I agree with this because doctors depend on love to strengthen their relationships with their patients and that is so helpful in curing diseases

## Masdar City – a positive step مدينة المصدر-خطوة ايجابية

Megaprojects are extremely large investment projects, which are designed to encourage economic growth and bring new benefits to cities. Although megaprojects vary in terms of size and cost, they are all, by definition, expensive, public projects that attract a high level of interest and media coverage. Projects range from motorways, airports, stations, tunnels, bridges, etc. to entire city complexes. The concept of a megaproject is always based on the benefits it brings to a community. However, many megaprojects have been criticized because of their negative effects on a community or the environment. This essay will look at these issues with regard to Masdar City, a megaproject in Abu Dhabi.

Masdar City, which began its development in 2006 CE, will be the world's first carbon-neutral, zero waste artificially-created city. Covering an area of six square kilometres, when it is completed in 2025 CE, it is expected to house more than 40,000 residents, 50,000 commuters, and 1,500 businesses involved in mainly environmentally-friendly products.

The city will run entirely on renewable energy sources. It is built on an advanced energy grid which monitors exactly how much electricity is being used by every outlet in the complex. Furthermore, in order to reduce its carbon footprint, Masdar City will be a car-free zone, designed to be pedestrian and cycle-friendly. Electric, driverless cars will operate as public transport vehicles, and the city will be connected to other locations by a network of roads and railways.

Energy will be provided by solar power and wind farms, and there are also plans to build the world's largest hydrogen plant. A desalination plant will be used to provide the city's water, with 80% of water used being recycled. Biological waste will be used as an energy source too, and industrial waste will be recycled. The current residents of Masdar City are all students at the Masdar Institute of Science and Technology, a university whose students are fully committed to finding solutions to the world's energy problems.

While the project has the support of many global, environmental and conservation organisations, there is some criticism of it. It is felt that, instead of building an artificial sustainable city, sustainability should be made a priority of existing cities. In conclusion, the benefits of Masdar City for the community and the environment greatly outweigh any disadvantages. If the aims of the developers are realised, Masdar City will be a blueprint for future urban planning that will inspire similar megaprojects in other countries.

الاسئلة

1. What examples of megaprojects are provided in the essay?
2. What are the advantages of the creation of Masdar City? What are the disadvantages?
3. Do you think that Masdar city is a beneficial project or not? Give your reasons.
4. There are many things that make Masdar City environmentally-friendly city. Write down two of them.
5. What's the opinion of those who criticize the project?
6. When will Masdar city be a successful project?
7. There are many renewable sources of energy which will be used in Masdar City. Write down two of these resources.
8. Find a word from the text which means 'reuse'.
9. What does the underlined word it refer to?
10. Megaprojects are designed for two purposes. Write down these two purposes.

الاجوبة

1. Motorways, airports, stations, tunnels, bridges and entire city complexes.
2. The advantages are: a. it will be the world's first carbon-neutral, zero-waste city. B. it will also be a car-free zone. C. It will bring new technology.  
The disadvantages are: a. It's not fully environmentally clean. B. It costs a lot of money, which should be spent on existing cities.
3. Yes I think so. Masdar City is designed to encourage economic growth and bring new benefits to the community.
4. a. carbon-neutral b. driverless cars c. recycling
5. It is felt that, instead of building an artificial sustainable city, sustainability should be made a priority of existing cities.
6. If the aims of the developers are realized, Masdar City will be a blueprint for future urban planning that will inspire similar magaprojects in other countries.
7. Solar energy and wind farms
8. Recycle 9. The project
10. to encourage economic growth and bring new benefits to cities.

Critical thinking

Megaprojects have positive and negative effects. Think of this statement and in two sentences write down your point of view.

I think some of them are good because they bring economic benefits to the community, although they are costly. Other megaprojects have negative effects on a community or the environment.

## The arts in Jordan **الفنون في الاردن**

Jordan has a very rich cultural heritage thanks to the support of the Department of Culture and the Arts, which was founded in 1966 CE. Since then, the department has built up an exciting, ongoing programme of cultural activities related to all the arts: music, visual arts, performing arts and the written word.

In 1979 CE, the Royal Society of Fine Arts (RSFA) was established to promote visual arts in Jordan and other countries in the region. **It** has links with major art galleries around the world in order to encourage artists from different cultures to learn from each other. The Jordan National Gallery of Fine Arts is one of the most important art museums in the Middle East. The collection includes over 2,000 works of art, including paintings, sculptures, photographs, installations, 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'.

Until the 1990s, most Jordanian literature was only available in Arabic. However, thanks to PROTA (the Project of Translation from Arabic), many Jordanian plays, novels, short stories and poems are now translated into English, and people all over the world are able to read and appreciate them.

Every year, the United Nations Educational, Scientific and Cultural Organization (UNESCO) chooses a different Arab city as the Arab Cultural Capital. In 2002 CE, the city of Amman was awarded this title. Jordan has a centuries-old musical heritage. The National Music Conservatory (NMC) opened in 1986 CE, making it possible for more Jordanian students to study music seriously.

In 1987 CE, the National **Centre** for Culture and Arts was created, which showcases theatre and dance in Jordan and in the region. Realising the value of art and culture, Jordan decided to offer Jordanians and the world an annual arts festival. In 1981 CE, the Jerash Festival for Culture and Arts was founded. This three-week-long summer programme is one of the largest cultural activities in the region. It takes place in the important archaeological site of Jerash, which underlines the close relationship between the arts and Jordan's cultural history.

### الاسئلة

1. How does the Royal Society of Fine Arts show its support for the arts in Jordan?
2. What makes the Jordan National Gallery of Fine Arts a major institution in the world of art?
3. How has translation helped Jordanian literature?
4. What is the significance of the location of the annual Jerash Festival?
5. The writer thinks that to truly understand a country's culture, you have to understand its artistic heritage. Do you agree or disagree? Justify your answer.



## هل الناس الاصحاء سعداء Are happier people healthier

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.

### اسئلة

- 1- Do you ever feel yourself getting angry? What kind of things can make you angry?
- 2- Do you think that feeling angry is bad for you?
- 3- What are the possible effects of anger and stress on someone's health?
- 4- What is controversial about the researchers' study?
- 5- What is your opinion of the researchers' findings?
- 6- There are many factors influencing health in a positive way. Write down two of these factors.
- 7- There are two things we should do to improve our children's overall health in the future. Write down these two things.
- 8- Quote the sentence which indicates that childhood attitude is almost similar to your attitude when you grow up.
- 9- What does the underlined word they refer to?
- 10- The writer believes that bad lifestyle choices are the reason for heart disease. Write down these two bad lifestyles.

## Answers الاجوبة

- 1- Yes, sometimes I get so angry. For example, when my parents ask me to go to bed early.
- 2- Yes, of course. I believe it is bad for me.
- 3- When you see red, your blood pressure is raised and you can suffer from headaches, sleep problems and digestive problems.
- 4- 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.
- 5- I think he is right. When people have bad life conditions when they are young, his/her future will probably be uncomfortable because childhood situations always affect the personality of human beings.
- 6- a supportive network of family and friends, and an optimistic outlook on life.
- 7- If we teach children to develop positive thinking, and to 'bounce back' after a setback.
- 8- 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.
- 9- the researchers
- 10- such as smoking or lack of exercise,

## Critical Thinking

Read the quotation by Thomas Carlyle "He who has health has hope; and he who has hope, has everything". Do you agree with it? Why/Why not?

Yes, I agree. Because healthy life leads to success, and when you are successful, you enjoy everything, especially work.



### Young Emirati inventor is going to travel the world

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 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 attending 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.

#### الاسئلة

- 1- Why was Sheikh Hamdan interested in helping Adeeb?
- 2- How did Adeeb get his inspiration for a waterproof prosthetic leg?
- 3- Who will Adeeb be staying with in Germany, and what will he be doing there?
- 4- What does the suffix **-proof** mean in (waterproof/fireproof)?
- 5- What is the purpose of the in-car heart monitor? Why do you think that it is built into the seat belt?
- 6- Adeeb is going to visit many countries. Write down two of these countries.
- 7- Who is Sheikh Hamdan bin Mohammad?
- 8- Quote the sentence which indicates that Adeeb is going to visit many countries.
- 9- Adeeb will be spending his time doing many things in Germany. Write down two of these things.
- 10- Adeeb did many inventions. Write down two of these inventions.
- 11- What device did Adeeb use in his fireproof helmet and what is its advantage?
- 12- What does the underlined word where refer to?

**Answers: الاجابات**

1- Because the boy (Adeeb) caught Sheikh Hamdan's attention with his invention – a prosthetic limb for his father.

2- Adeeb got the idea for a special kind of prosthetic 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.

3- He will be staying with relatives. He will be working with a specialist doctor to build the appendage. He will also be attending a course on prosthetics and learning about different kinds of medical apparatus.

4- Against.

5- It is so helpful in case of an emergency, this device will communicate with rescue services and the driver's family and inform them about the case the driver has.

6- the USA, France

7- He is the Crown Prince of Dubai

8- Adeeb is going to visit the USA, France, the UK, Ireland, Belgium, Italy and Germany, where he will be staying with relatives.

9- He will be working with a specialist doctor to build the appendage. He will also be attending a course on prosthetics and learning about different kinds of medical apparatus.

10- a tiny cleaning robot, a heart monitor and a fireproof helmet.

11- Adeeb used a built-in camera system which will help rescue workers in emergencies.

12- Germany

**Critical thinking**

Sponsoring inventors is a very noble matter, what do you think are the advantages of sponsoring those genius people?

Sponsoring genius people has many advantages such as: They can leave their work and work more on their ideas, they also have enough money for research.

**C. LITERATURE SPOT** الادب

Read the following stanza written by Thomas Hood and then answer the questions that follow.

I remember, I remember  
Where I was used to swing,  
And thought the air must rush as fresh  
To swallows on the wing;  
My spirit flew in feathers then,  
That is so heavy now,  
And summer pools could hardly cool  
The fever on my brow!

الاسئلة

1. Find three examples of onomatopoeia (a rhetorical device).  
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2. How does the poet contrast his memories of the past with the present day? Refer to the speech.  
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3. What is the rhetorical device in the last two lines?  
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4. How can you tell that 'swallows' are birds?  
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5. Find an example of personification

**Answers** الاجوبة

1. swing , rush and fresh
2. In the past, he was so happy (My spirit flew in feathers then), but now he is not so happy (That is so heavy now).
3. personification
4. Birds have wings and feathers and can fly freely.
5. My spirit flew in feathers then

إذا بلغت القمة فوجه نظرك إلى السفح لترى من عاونك في الصعود إليه

مكتبة الوسام  
ALWESAM

المعلم : عماد صوالحة

**Q 1- Choose the suitable item from those given in the box to complete each of the following sentences.**

**ailment    arthritis    immunisation    allergies    migraine**

1. My grandfather has ..... in his fingers, so he sometimes finds it difficult to write.
2. .... to nuts and milk are becoming more common.
3. Many serious diseases can be prevented by ....., which helps the body to build antibodies.
4. Headaches and colds are common ....., especially in winter.
5. If you have a ....., the best thing to do is take some medicine and rest somewhere quiet.

**Answers:** 1- arthritis 2- allergis 3- immunization 4- ailment 5- migraine

**- Choose the suitable item from those given in the box to complete each of the following sentences.**

**Viable    alien    conventional    sceptical    complementary**

1. I don't really believe that story – I'm very .....
2. Doctors often treat infections with antibiotics; that is the ..... approach.
3. Medicines that are not the normal, traditionally accepted treatments are known as .....
4. Another way of saying that something could be successful is to say it is .....
- 5 If something seems very strange, we sometimes say it is .....

**Answers:** 1- sceptical 2- complementary 3- conventional 4- viable 5- alien

**\_ Choose the suitable item from those given in the box to complete each of the following sentences.**

**Helmet    inspire    monitor    reputation    risk    seat belt**  
**self-confidence    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 sport.
- 4- Please hurry up. Let's not ..... missing the bus.
- 5- You must always wear a ..... in a car, whether you're the driver or a passenger.
- 6- When my grandfather had a heart attack, the doctors attached a special ..... to his chest.
- 7- It's important to encourage young people and help them develop .....
- 8- Petra has a ..... as a fascinating place to visit.

**Answers:** الاجوبة 1- waterproof 2- tiny 3- inspire 4- risk 5- seat belt 6- monitor 7- self-confidence 8- reputation

-Choose the suitable item from those given in the box to complete each of the following sentences.

Coma    dementia    medical trials    pills    symptoms

- 1- Doctors look at the ..... before they decide how to treat the patient.
- 2- Before doctors prescribe drugs to patients, scientists perform ..... to make sure the drugs are safe.
- 3- After Ali's accident, he lay in a ..... for two weeks.
- 4- My grandfather has to take a lot of medicine – he takes six different ..... every day.

Answers: الاجوبة 1- symptoms 2- medical trials 3- coma 4- pills

-Choose the suitable item from those given in the box to complete each of the following sentences.

Laptop    allergies    out of the blue    pc    sceptical

1. A..... doesn't need a keyboard.
2. ....to nuts and milk are becoming more common.
3. I was shocked when I heard the news. It came completely .....
4. I don't really believe that story- I'm very .....

Answers: الاجوبة 1. laptop 2. allergies 3. out of the blue 4. sceptical

-Choose the suitable item from those given in the box to complete each of the following sentences.

symptoms    major    waterproof    carbon footprint    alien    biological

1. You can wear your watch when you go swimming if it's .....
2. King Hussein was a ..... world figure in the twentieth century.
3. We can all work hard to reduce our ..... by living a more environmentally-friendly lifestyle.
4. If something seems very strange, we sometimes say it is .....
5. Hospitals need to dispose a lot of ..... waste, and it should be carefully managed because it can be dangerous.

Answers: الاجابة 1. waterproof 2. major 3. carbon footprint 4. alien 5. biological

**Q 2: Replace the underlined words and phrases with its meaning.**

- 1- Doctors look at the signs of illness before they decide how to treat the patient.
- 2- Before doctors prescribe drugs to patients, scientists perform special tests to make sure the drugs are safe.
- 3- After Ali's accident, he lay in an unconscious state for two weeks.
- 4- My grandfather has to take a lot of medicine – he takes six different tablets every day.

**Answers:** الاجوبة

- 1- symptoms    2- medical trials    3- coma    4- pills

**-What does the underlined word mean in the following sentence?**

- 1- Doctors look at the symptoms before they decide how to treat the patient.

**Answer:** signs of illness

**Q 3. Study the following sentence and answer the question that follows.**

The tour has been organised and funded by Sheikh Hamdan bin Mohammad

Replace the underlined word funded with its synonym.

**Answer:** sponsored

**Q 4. Study the following sentence and answer the question that follows.**

Adeep was inspired to invent a waterproof prosthetic leg.

What does the underlined suffix in waterproof mean?

**Q 5 - What does the underlined colour idioms mean?**

1. Have you heard the good news? We've got the green light to go ahead with our project!
2. Luckily, the police arrived and the thief was caught red-handed.
3. I was shocked when I heard the news. It came completely out of the blue.
4. Nobody goes to the new private sports club. The building is a white elephant.

**Answers:** 1. agree    2. the act of doing something wrong    3. unexpectedly  
4- something that has cost a lot of money but has no useful purpose

**Q 6. Study the following sentence and answer the question that follows.**

When you see **red**, your blood pressure is raised and you can suffer from headaches

What feeling does the idiom in bold refer to?

**Answer:** الاجابة angry

**Q 6: Complete the sentences with words derived from the words in brackets.**

1. The Middle East is famous for the \_\_\_\_\_ of olive oil. (**produce**)
2. Ibn Sina wrote \_\_\_\_\_ textbooks. (**medicine**)
3. Fatima al-Fihri was born in the \_\_\_\_\_ century. (**nine**)
4. My father bought our house with an \_\_\_\_\_ from his grandfather. (**inherit**)
5. Scholars have discovered an \_\_\_\_\_ document from the twelfth century. (**origin**)
6. Do you think the wheel was the most important \_\_\_\_\_ ever? (**invent**)
7. Al-Kindi made many important mathematical \_\_\_\_\_ (**discover**)
8. Who was the most \_\_\_\_\_ writer of the twentieth century? (**influence**)

**Answers:**

1. production
2. medical
3. ninth
4. inheritance
5. original
6. invention
7. discoveries
8. Influential

**-Complete the text with suitable words derived from the words in brackets.**

Madaba is the place where most Jordanian weavers buy their raw materials. Sheep's wool, and goat and camel hair are used by Bedouin tribes and villagers all over Jordan to (1) \_\_\_\_\_ (**product**) rugs, bags and other beautiful items. (2) \_\_\_\_\_ (**traditional**), the whole process is done by hand, from the washing of the wool to the finish article. There is a particular Bedouin style of (3) \_\_\_\_\_ (**weave**) that buyers find very (4) \_\_\_\_\_ (**attraction**). Another craft practiced in Madaba is the (5) \_\_\_\_\_ (**creative**) of ceramic items.

**Answers:** 1. produce 2. Traditionally 3. weaving 4. attractive 5. creation

**-Complete the text with suitable words derived from the words in the box.**

**translation    archaeology    appreciation    educate    collect    installation**

1. Petra is an important \_\_\_\_\_ site.
2. I will be going to university to continue my \_\_\_\_\_.
3. In our exam, we had to \_\_\_\_\_ a text from Arabic into English.
4. They are going to \_\_\_\_\_ a new air conditioning unit in our flat.
5. Thank you for your help, I really \_\_\_\_\_ it.
6. Have you seen Nasser's \_\_\_\_\_ of postcards? He's got hundreds!

**Answers:** 1. archaeological 2. education 3. translate 4. install 5. appreciate 6. collection

**-Complete the text with suitable words derived from the words in the box.**

1- medicine 2- discover 3- prescribe شخص 4- infect 5- diagnose 6- intend ينوي 7- surgeon 8-  
9- succeed ينجح 10- conclude

Amazing (1) ..... advances are constantly taking place in these days of technological and scientific (2) ..... . Many people expect instant cures, and prefer to get a (3) ..... , but it is worth remembering that our immune systems can fight (4) ..... and diseases on their own, too.

Research has been done to find out why some people survive cancer. One hundred people who had survived a serious (5) ..... were interviewed twelve years after they had been diagnosed. The (6) ..... of the study was to discover if there was anything in common with the ways in which they had acted after their diagnosis. They had all used different treatments such as (7) ..... , radiotherapy, acupuncture and special diets. What they all had in common, however, was a strong (8) ..... that what they were doing would be (9) ..... . This survey has limited (10) ..... , but one thing it shows is that a positive attitude can help your immune system to work.

Answers:-

1- medical 2- discoveries 3- prescription 4- infections امراض 5- diagnosis تحليل 6- intention 7- surgery  
8- belief اعتقاد 9- successful 10- conclusions خلاصات

**- Complete the sentences with the suitable words derived from the words in the box.**

**origin translation archeology**

- Petra is an important ..... site in Jordan.
- You need to ..... this document before you submit it.

Answers: الاجوبة 1, archeological 2. translate

**Believe expectancy operate**

1. Many instruments that are still used today in ..... were designed by Arab scholars.

2. When do you ..... To receive your test results?

Answers: 1- operation 2- expect

**Q 7- Complete each of the following items so that the new item has the similar meaning to the one before.**

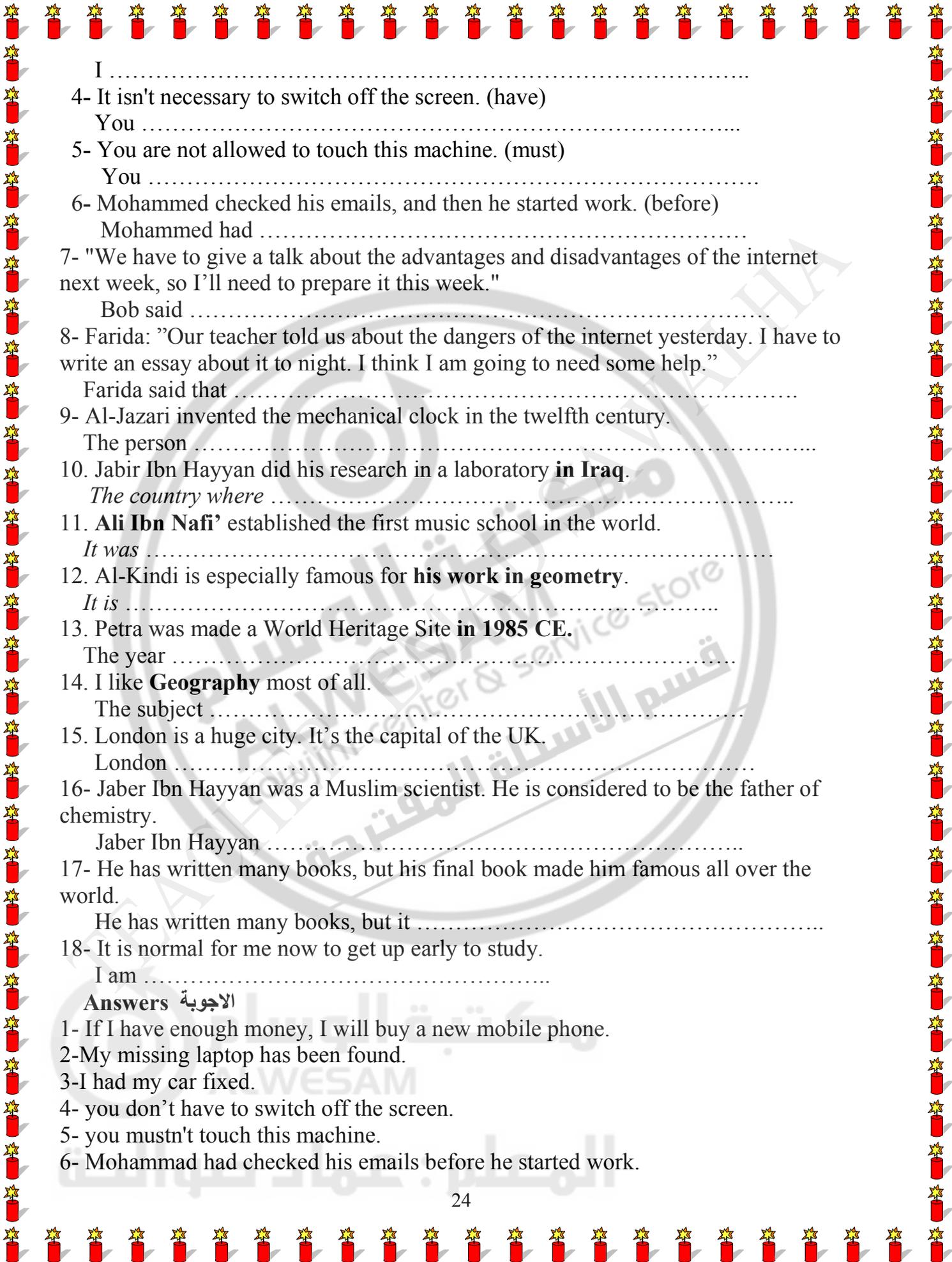
1- I have enough money. I buy a new mobile phone.

If .....

2- Somebody has found my missing laptop. (been)

My missing laptop .....

3- I asked someone to fix my computer. (had)



I .....

4- It isn't necessary to switch off the screen. (have)

You .....

5- You are not allowed to touch this machine. (must)

You .....

6- Mohammed checked his emails, and then he started work. (before)

Mohammed had .....

7- "We have to give a talk about the advantages and disadvantages of the internet next week, so I'll need to prepare it this week."

Bob said .....

8- Farida: "Our teacher told us about the dangers of the internet yesterday. I have to write an essay about it to night. I think I am going to need some help."

Farida said that .....

9- Al-Jazari invented the mechanical clock in the twelfth century.

The person .....

10. Jabir Ibn Hayyan did his research in a laboratory **in Iraq**.

*The country where* .....

11. **Ali Ibn Nafi'** established the first music school in the world.

*It was* .....

12. Al-Kindi is especially famous for **his work in geometry**.

*It is* .....

13. Petra was made a World Heritage Site **in 1985 CE**.

The year .....

14. I like **Geography** most of all.

The subject .....

15. London is a huge city. It's the capital of the UK.

London .....

16- Jaber Ibn Hayyan was a Muslim scientist. He is considered to be the father of chemistry.

Jaber Ibn Hayyan .....

17- He has written many books, but his final book made him famous all over the world.

He has written many books, but it .....

18- It is normal for me now to get up early to study.

I am .....

### Answers الاجوبة

1- If I have enough money, I will buy a new mobile phone.

2-My missing laptop has been found.

3-I had my car fixed.

4- you don't have to switch off the screen.

5- you mustn't touch this machine.

6- Mohammad had checked his emails before he started work.

- 7- Bob said that they had to give a talk about the advantages and disadvantages of the internet the following week, so he would need to prepare it that week
- 8- Farida said that their teacher had told them about the dangers of the internet the day before. She said that she had to write an essay about it that night. She thought she was going to need some help.
- 9- The person who invented the mechanical clock in the twelfth century was Al-Jazari.
- 10- The country where Jabir Ibn Hayyan did his research in a laboratory was Iraq.
- 11- It was Ali Ibn Nafi' who established the first music school in the world.
- 12- It is his work in geometry that Al-Kindi is especially famous for
- 13- .The year when Petra was made a World Heritage Site was 1985 CE.
- 14- The subject which I like most of all is Geography.
- 15- London, which is the capital of the UK, is a huge city.
- 16- Jaber Ibn Hayyan, who is considered to be the father of chemistry, was a Muslim scientist.
- 17- He has written many books, but it was his final book which made him famous all over the world.
- 18- I am used to get up early to study.

**Q8- Complete these sentences using the relative pronouns in the box**

When      who      which

1. People ..... love exploring historical Roman ruins will certainly find a visit to Qasr Bashir very rewarding.
2. Ibn Sina wrote the book .....became the most famous medical textbook ever.
3. It was the month of Ramadan .....Ibn Sina died, in June 1037 CE.

Answers: الاجوبة 1- who 2- which 3- when

**Q9- Use the right word or phrase in the box below to make only one meaningful sentence.**

which      who      where

- 1- Ibn Sina's friends advised him to relax. They were worried about his health.  
Ibn Sina's friends, .....
- 2- The Giralda tower stands at 104 meters tall. It is one of the most important buildings in Spain.  
The Giralda tower, .....

Answers: الاجوبة

- 1- Ibn Sina's friends, who were worried about his health, advised him to relax
- 2- The Giralda tower, which is one of the most important buildings in Spain, stands at 104 meters tall.

**Q 10- Study the following sentences which have two mistakes in the usage of article. Correct them and write the answers in your answers booklet.**

- 1- Amman is one of the oldest cities in a world.
- 2- Petra is a important archaeological site.

**Answers:** الاجوبة 1- the world 2- an important

**-Complete the text with a, an, the or-(zero article).**

- 1- The Amman International Theatre Festival is said to be \_\_\_\_\_ biggest of its kind across \_\_\_\_\_ entire Middle East and. It is held annually in \_\_\_\_\_ April
- 2- \_\_\_\_\_ Aqaba is the next to \_\_\_\_\_ Red Sea.
- 3- Where are \_\_\_\_\_ Pontic Mountains?
- 4- My father is \_\_\_\_\_ Engineer and my mother is \_\_\_\_\_ teacher.

**Answers:** الاجوبة 1- the , the , x 2- x , the 3- the 4- an 5- a

**Q 11- Rewrite the following British English sentences in American English.**

1. Have you seen the textile workshop yet?
2. Let's have a look at that first.
3. Some of you have got tired from all the walking today.
4. Would anyone like to have a short rest?

**Answers:** الاجوبة

1. **Did** you see the textile workshop yet?
2. Let's **take** a look at that first.
3. Some of you have **gotten** tired from all the walking today.
4. Would anyone like to **take** a short rest?

**- Rewrite the following American English sentences in British English.**

- 1 Mark: Did you see that exhibition yet?
- 2 Mark: I usually take a shower in the morning.

**Answers:** الاجوبة

- 1- Have you seen that exhibition?
- 2- I usually have a shower in the morning.

**- Write sentences using these words in American English spelling.**

1. When I go to university, I want to specialize in astrophysics.
2. If you want to learn English, you could go to a language center.
3. My favorite meal is mansaf.
4. An architect can predict what a building will look like by modeling it on a computer.

**Answers:** الاجوبة 1- specialise 2- centre 3- favourite 4- modelling

**Q 12- Correct the verbs between brackets**

1. When I woke up, my sister ..... her breakfast. (**have**)
2. What ..... you ..... In three years' time? (**do**)
3. If we ..... global warming, life would be very difficult on earth. (**not fight**)
4. I didn't paint the roof myself. I had it ..... (**paint**)
5. When do you want ..... English? (**learn**)
6. By the time the bus arrived, we ..... For an hour. (**be, wait**)
7. My grandmother isn't ..... the internet. (**use to**)
8. If you didn't invite me, I ..... (**not come**)
9. By the time I am twenty five, I ..... My own car. (**drive**)
10. Ajloun castle ..... on a high mountain many years ago. (**build**)
11. Villagers aren't usually used to ..... In apartments. (**live**)
12. This time next November, I ..... eighteen years old. (**be**)
13. Shadi ..... French for three years. (**learn**)
14. My brother ..... a new job yet. (**not, find**)
- 15- In 2010 CE, the first tablet computer ..... (**produce**).
- 16- When I was a child, my grandmother ..... cakes for us all the time, and I liked helping her a lot. (**make**)
- 17- I just got glasses this week, and I'm not ..... them yet, so I'm still having difficulty. (**use, wear**)
- 18- We won't be home tomorrow night. We ..... the football match at the stadium. (**watch**)
19. The books that you ordered ..... by the end of the week (**arrive**)
- 20- My mother ..... buy my clothes, but now I choose my clothes myself. (**use to**)
- 21- My mother ..... buying my clothes because I hate shopping. (**use to**)
- 22- I ..... understand English, but now I do. (**not, use to**)

**Answers: الاجوبة**

- 1- was having 2- will you be doing 3- didn't fight 4- painted 5- to learn 6- had been waiting 7- used to 8- wouldn't come 9- will have driven 10- was built 11- living 12- will be 13- has been learning 14- hasn't found 15- was produced 16- used to make 17- used to wearing 18- will be watching 19- will have arrived 20- used to 21- is used to 22- didn't use to

## Q11- Editing

- In the text below there are four mistakes, 2 mistakes are grammatical mistakes and the other 2 mistakes are spelling mistakes. Find them out and rewrite them down:-

Scientists has already developed brain implants that improve vision or allow disabled people to use their thoughts in order to control prosthetic lemps like arms, legs or hands, or operate a wheelchair. In 2012 CE, research on monkeys show that a brain implant improved their decision-making abilities.

Answers: scientists, have, limbs, showed

- Edit the following text. There are two grammar mistakes and three spilling mistakes. Find and correct them.

In the near future, a new 'bionic eye' will have helped people with failing eyesite to see again. A devise inside the eye picks up an image from a small camera attached to a pair of sunglasses and send it to the brian, which interprets it as vision.

Answers: الاجوبة

1. will help 2. eyesight 3. device 4. sends 5. brain

- Edit the following text. There are two grammar mistakes and three punctuation mistakes. Find and correct them.

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

## Guided Writing الكتابة الموجهة

### How to keep fitness

- drink 8-10 liters of water daily
- run 2-4 kilometers every morning
- do exercises

To keep fitness drink 8-10 liters of water daily and run 2-4 kilometers every morning. Another thing is to do exercises.

### Benefits of internet of things

- monitor our health
- control the traffic
- save time

There are many benefits of internet of things such as monitoring our health and control the traffic. Another thing is saving time.

### Advantages and disadvantages of internet

Advantages	Disadvantages
- save time and effort	- hurts eyes
- make our life more comfortable	- make people isolated

On the one hand, internet can save time and make our life more comfortable. On the other hand, it hurts eyes and makes people isolated.

### Advantages and disadvantages of mobile phones

- Light	- cause health problems
- Portable	- waste time

On the one hand, mobile phones are light and portable. On the other hand, they cause health problems and waste our time.

**Read the information below, and then in your ANSWER BOOKLET, write a brief biography using all the given notes below about Al-kindī. Use the appropriate linking words.**

**Name:** Al-Kindi

**Place/ Date of birth:** Baghdad, 801CE

**Place/ Date of death:** Baghdad, 873CE

**Profession:** a true polymath

**Achievements:**

- made ground-breaking discoveries in many fields.
- famous for his work in arithmetic and geometry.

Al-kindī was born in Baghdad, 801CE and died in Baghdad, 873.

Al-kindī was a true polymath. He made ground-breaking discoveries in many fields and he is famous for his work in arithmetic and geometry.

الوظيفة اللغوية Function

1. Mahmoud was really happy after he had received the gift.

**What's the function of the past perfect?**

Answer: an action happened before a specific moment in the past.

2. We had been trying to open the door for five minutes when Jane found her key.

**What's the function of the past perfect continuous?**

Answer: an action was happening up to a specific moment in the past

3. Maher has already done his homework.

**What's the function of the present perfect?**

Answer: an action was true in the past and has consequence in the present.

4. That man has been waiting for an hour to get a taxi.

**What's the function of the present perfect continuous?**

Answer: an action began in the past and continues in the present.

5. I will have graduated from the university by this time next year.

**What's the function of the future perfect?**

Answer: actions will be completed in the future

6. I will be doing my university degree this time next year

**What's the function of the future continuous?**

Answer: continuous actions in the future

7. I believe that he will pass all his exams soon.

**What's the function of the future simple?**

Answer: future plans

8. My mother is used to buying my clothes because I hate shopping.

**What's the function of the above sentence?**

Answer: To describe things that are familiar or customary

9. My mother used to buy my clothes but now I choose my own.

**What's the function of the above sentence?**

Answer: To describe past habits that now have changed

10. Some robots will look and sound very like humans.

**What rhetorical device is used in the above sentence?**

Answer: simile

11. The world will be **at your fingertips**.

**What rhetorical device is used in the above sentence?**

Answer: metaphor

12. Everywhere we go we will hear the constant **buzz** and **hum** of technology.

**What rhetorical device is used in the above sentence?**

Answer: onomatopoeia

13. Our computers and mobile phones will **take care of us**, by **telling us** when to wake up, eat and sleep.

**What rhetorical device is used in the above sentence?**

Answer: personification

**No pain, no gain ..... لن تحقق هدفك بدون الم**

إذا ارتاح الضمير ... ارتفع المقام ... وإذا عرفت نفسك ... فلا يضررك ما قيل فيك

*Best wishes*

*Teacher Emad Sawalha 0780770316*

مع تحيات الاستاذ عماد صوالحة  
اتمنى لجميع الطلاب النجاح والتوفيق

