

KEY WORDS

|  |  |  |
| --- | --- | --- |
| **عملية حسابية** | **a way of using numbers in order to find out an amount, price or value** | **calculation** |
| **رقاقة حاسوب** | **a small piece inside a computer which stores information via an electric current** | **computer chip** |
| **قرص مرن** | **a flexible, removable magnetic disk that stores computer information** | **floppy disk** |
| **الحاسوب الشخصي** | **an abbreviation for personal computer, a computer that is used by one person at a time** | **PC** |
| **برنامج**  | **a set of instructions enabling acomputer to function;** | **program** |
| **الهواتف الذكية** | **a mobile phone with advanced computing technology** | **smartphone** |
| **الشبكة العنكبوتية** | **an information system, known as the Internet, which allows documents to be connected to other documents,****and for people to search for information by moving from one document to another** | **World Wide Web** |

**THE HISTORY OF COMPUTERS The first paragraph**

When you are using a computer, think about the technology thatis needed for itto work. People have been using types of computers for thousands of years. A metal machine was found on the seabed in Greece thatwas more than 2,000 years old. Itis believed that thiswas the first ever computer.

That: technology / it :computer / that : metal machine / this : metal machine

عندما تستخدم كمبيوتر , فكر في التكنولوجيا اللازمة لعمله . استخدم الناس أنواع مختلفة من الحواسيب لآلاف السنين . وجدت آلة معدنية في قاع البحر في اليونان قبل أكثر من 2,000 سنة . ويعتقد أن هذا هو أول جهاز كمبيوتر.

**1. Where was the oldest computer found?**

**2. How old is the world’s oldest computer?**

**3. What is the most important thing you should think about when using a computer?**

**4. According to the text, what does a computer need to work / function?**

**5. Quote the sentence which shows the place and date of finding the first ever computer.**

**Answers :**

**1- It was found on the seabed in Greece. 2- That was more than 2,000 years old. 3- the technology that is needed for it to work. 4- The technology. 5- A metal machine was found on the seabed in Greece that was more than 2,000 years old.**

**The second paragraph**

In the 1940s, technology had developed enough for inventors to make the first generation of modern computers. One such model was so large that it needed a room that was 167 square metres to accommodate it. 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.

It : One such model It : One such model It: first computer program

في الأربعينيات من القرن العشرين، تطورت التكنولوجيا بما فيه الكفاية للمخترعين ليصنعوا الجيل الأول من الحواسيب الحديثة. كان هذا النموذج من الحواسيب كبيرا جداً لدرجة أنه كان يحتاج إلى غرفة بمساحة 167 متراً مربعا ليوضع فيها . خلال ذلك العقد ، طور العلماء في انجلترا أول برنامج حاسوب . استغرق الأمر 25 دقيقة لإتمام عملية حسابية واحدة .و في عام 1958م تم تطوير شريحة الكمبيوتر.

**1. Quote the sentence which indicates that the first computer program was developed in the 1940s.?**

**2. Where was the first computer program invented?**

**3. The first modern computers were very slow. Write down a piece of evidence from the text.?**

**4. Quote the sentence which shows that the first modern computers were very large.**

**Answers :**

**1- In the 1940s, technology had developed enough for inventors to make the first generation of modern computers. 2- in England 3- It took 25 minutes to complete one calculation. 4- One such model was so large that it needed a room that was 167 square metres to accommodate it.**

**The third paragraph**

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.

Which : the floppy disk

وقد أنتجت أول لعبة كمبيوتر في عام 1962 م وبعد عامين (1964) تبعها إنتاج فأرة الكمبيوتر ، في عام 1971م ثم اخترع القرص المرن والذي يعني بأن المعلومات أصبح بالإمكان مشاركتها بين أجهزة الكمبيوتر لأول مرة ثم إنتاج أول جهاز كمبيوتر (الحاسوب الشخصي) في عام 1974م ، وهكذا استطاع الناس شراء أجهزة كمبيوتر للاستخدام في المنزل.

**1. There were many inventions that were completed between 1962 CE and 1974 CE. Write down two of these inventions.**

**2. Scientists have made an invention that made it easier to share information between computers. Write it down.**

**3. What was the invention that allowed people to use computers at home?**

**4. Scientists have invented two things related to computers during the 1960s. Write them down.**

**5. When could people buy computers to use at home?**

**6. Find a word which means "a computer that is used by one person at a time".**

**7. Find an invention which means " a small square piece of plastic that was used to store information from computers". Answers :**

**1- The first computer game. /The computer mouse. /The floppy disk. /thefirst PC (personal computer) 2- the floppy disk . 3- PC (personal computer) 4- The first computer game / the computer mouse. 5- in 1974 CE 6- PC (personal computer) 7- the floppy disk.**

**The fourth paragraph**

In 1983 CE, people could buy a laptop for the first time. Then, in 1990 CE, the British scientist Tim Berners-Lee developed the World Wide Web. However, it was not until 2007 CE that the first Smartphone appeared. Today, most people use their mobile phones every day. Their : most people

في 1983 تمكن الناس من شراء كمبيوتر محمول للمرة الأولى . وبعد ذلك، في 1990 قام العالم البريطاني تيم بيرنرز لي بتطوير شبكة الويب العالمية . لم يكن هناك ظهور لأول الهواتف الذكية حتى, 2007 اليوم معظم الناس يستخدمون هواتفهم المحمولة كل يوم.

**1. There are many inventions between the 1980s and 2000s. Write down two of them. 2. There are two futuristic technologies which are already available. Write them down 3. In which year could people buy a laptop for the first time? 4. Who developed the world wide web? 5. When did the first smartphones appear?**

**6. What was the main contribution that the British scientist Tim Berners Lee had introduced to computer technology? 7. Quote the sentence which shows the date of developing the World Wide Web. 8. What do the letters " WWW " refer to?**

**Answers : 1- a laptop/ World Wide Web/ first Smartphone. 2- World Wide Web./ Smartphone . 3- In 1983 CE. 4- the British scientist Tim Berners-Lee . 5- it was not until 2007 CE . 6- developed the World Wide Web. 7- in 1990 CE. 8- World Wide Web.**

**The fifth paragraph**

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 are capable of doing even more than this.

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.

ماذا سيحدث في المستقبل ؟ يمكنك الآن بالفعل شراء ساعات و التي يمكنها أن تعمل نفس عمل الهواتف النقالة. وقد طور العلماء أيضاً نظارات و التي يمكنها القيام بمثل هذا وأكثر.

ستشهد الحياة في المستقبل المزيد من التغيرات في تكنولوجيا الحاسوب . فمن المحتمل أن جميع جوانب الحياة اليومية سوف تعتمد على برامج الحاسوب ، من الكيفية التي نسافر بها إلى الكيفية التي يتم بها تدفأ بها بيوتنا.

**1. Scientists have developed two things that can do the same as mobile phones. Write them down.**

**2. Write down the sentence which shows that humans’ life will depend on computers very much in the future.**

**3. Find a word in the paragraph which means "a set of instructions enabling a computer to function ".**

**4. What does the *phrasal verb* " rely on " mean?**

**Answers :**

**1-Watches and glasses . 2- It is likely that all aspects of everyday life will rely on a computer program. 3- program. 4- to have trust or confidence in something or someone**

**Comprehension**

**أختبر نفسك**

**1.** Where was the oldest computer found?

**2.** How old is the world’s oldest computer?

**3.** When was the first generation of modern computers invented?

**4.** Write down the sentence which indicates that the first modern computer was huge.

**5.** Quote the sentence which indicates that the first computer program was developed in the 1940s.

**6.** Where was the first computer program invented?

**7.** The first modern computers were very slow. Write down a piece of evidence from the text.

**8.** Scientists have invented two things related to computers during the 1960s. Write them down.

**9.** Scientists have made an invention that fastens computer processes. Write it down.

**10.** Scientists have made an invention that made it easier to share information between computers. Write it down.

**11.** What was the invention that allowed people to use computers at home?

**12.** There are many inventions between the 1950s and 1970s. Write down two of them.

**13.** When has the first laptop been available to customers for the first time?

**14.** Who developed the World Wide Web?

**15.** There are many inventions between the 1980s and 2000s. Write down two of them.

**16.** There are two futuristic technologies which are already available. Write them down.

**17.** Write down the sentence which shows that humans’ life will depend on computers very much in the future.

**18.** Find a word in the text which means “**a way of using numbers in order to find out amount**”.

**19.** What does the underlined word “**program**” mean?

**20.** What does the underlined pronoun “**their**” in the third paragraph, refer to?

**21.** What does the underlined pronoun “**it**” in the second paragraph, refer to?

**Activity Book**

**Initial Test**

**1. Tick the word that is different.**

|  |  |  |  |
| --- | --- | --- | --- |
| Track مضمار | rugby لعبة الرجبي | Court ملعب | pitch ملعب |
| Journalist صحفي | clerk كاتب / موظف | playwright كاتب مسرحي | rink حلبة |
| Confident واثق | tense توتر / شد | upset منزعج | worried قلق |
| Oars مجاديف | poet شاعر | Bat مضرب | goggles نظارات السباحة |
| Muscle عضلة | Eyelids جفون | skates زلاجات | heartbeat ضربات القلب |
| Wind ريح | coal فحم | gas غاز | Paper ورق |

Answers: 1 rugby / 2 rink / 3 confident / 4 poet / 5 skates / 6 paper

|  |  |
| --- | --- |
| **B** | **A** |
| **Around**  | **Get** |
| **Down**  | **Look**  |
| **Place**  | **Meet**  |
| **Started**  | **Settle** |
| **Up** | **Take** |
| **Up**  | **Wake**  |

**2 Add one word from box A and one word from box B to complete each sentence.**

1. Tell me about the novel you’re reading. Where does the story …………… ?

2. I’m sorry I am late. I didn’t ………………. early enough.

3. When I graduate from university, I would like to buy a house and …………………

4. If you are free at the weekend, let’s …………………….. and go shopping together.

5. I’ve never visited that museum. I’d like to go in and ……………………….

6. I’ve got a lot of homework, so I think I should …………………….. right now.

Answers : 1 take place يحدث / 2 wake up يستيقظ / 3 settle down يستقر / 4 meet up يلتقي مع /

look around يلقي نظرة / 5 يبدأ 6 get started

**3 Report the following statements.**

**1. I have some questions for you Muna.**

Nour told Muna …………………………………………………………

**2. I have lived in Amman for six years.**

Sami said ………………………………………

**3. Yesterday I bought all the ingredients for a chocolate cake.**

Huda told me ……………………………………………………

**4. I really enjoyed the book that I finished this morning.**

Tariq said …………………………………………………….

**5. My favourite subject this year is chemistry.**

Hussein told me ………………………………………

**Answers** 1 that she had some questions for her 2 that he had lived in Amman for six years

3 that she had bought all the ingredients for chocolate

4 that he had really enjoyed the book that he had finished that morning

5 that his favourite subject that year was chemistry

**4 Find six natural sources of power circle them and write them down.**

Qklfossilfuelsamsiwindplfwaterqkld

Woodghelwavessmfysolarenergybch

1. ……………………………………. 2 ………………………. 3 …………………………………….. 4 …………………..…… 5 ……………………………………... 6 ………………………..

Answers 1 fossil fuels احفوري وقود / 2 wind ريح / 3 water ماء /

 طاقة شمسية 6- solar energy امواج 5- waves خشب 4 – wood

**5. Complete the sentences with words from the box. One word is not needed.**

**energy طاقة / grateful ممتن / headlines عناوين / helmet خوذة**

**lawyer محامي / likely محتمل / navy أسطول**

1. I am studying hard because I want to be a ……………………..

2. When you ride a bike, you should always wear a ………………………

3. Thank you so much! We are very …………………….

4. Do you think it is …………………….. to rain tomorrow?

5. I always look at the newspaper ………………………, but I don’t always read the articles.

6. Solar panels generate ………………………….…… from the sun

**Answers : 1 lawyer / 2 helmet / 3 grateful / 4 likely / 5 headlines / 6 energy**

**6. Circle the correct words .**

1. We’re going to Aqaba again **in/ on** the summer . I **have / had** been looking forward to it since last year *. in لأننا نستخدم حرف الجر هذا مع الفصول*

*Haveلان الجملة مضارع تام*

2. We had the computer **repaired/ repairing** because it had stopped **to work/ working**

***repaired*** *استخدمنا التصريف الثالث لأنها جملة سببية* ***/*working*: stop + Ving اي شيء غير عاقل يأخذ***

3. Mahmoud was walking home when the rain **was starting / started** . it was very heavy so he **must / can’t** have got very wet

***started*** *نستخدم تصريف ثاني ( when ) بعد /* ***must***

4. In the past , most letters **wrote / were written** by hand , but these days they are usually **typed / typing . *were written; typed****. الجملة هنا مبني للمجهول*

**7 complete the sentence with the cooking verbs in the box . one verb is not needed .**

boil يغلي ، يسلق / fry يقلي / grill يشوي / melt يذوب / mix يمزج / roast يحمص / season يبهر / slice يشرح / sprinkle يرش

1. When you heat cheese , it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_s ?

2. Put some flour and sugar in a bowl and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ them together .

3. You need a sharp knife to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the bread .

4. Heat the water until it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_s.

5. Put the eggs in oil or butter to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ them .

6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ some salt and pepper over the potatoes to \_\_\_\_\_\_\_\_\_\_ them.

7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the meat in the oven .

Answers 1 melt / 2 mix / 3 slice / 4 boil / 5 fry / 6 Sprinkle ; season / 7 Roast

MODULE 1 / UNIT 1

(S.B.P.7)

***Information technology***

**Student's Book**

**6 Complete the text with the correct form of the verbs in brackets.**

People (***1)***. ……………………. .. ( use ) smartphones since they (2) . ……..…………. ( invent ) in the early 2000s. During the early 2000s, people (3). ……………….……… ( buy ) phones in different colours and different designs . In 2010 CE, the first tablet computer (4). ………………….. ( produce ) . By the end of 2010 CE, companies (5). …………………… ( sell ) more smartphones than PCs for the first time. Now, about one billion smartphones (6). ……………….…..( sell ) around the world each year. In the near future, it

(7). …………………. ( estimate ) that over 40% of the population in Jordan will have a smartphone . It is probable that this market (8). …………………….. ( expand ) in the future. At the moment, people aged 16-30 (9) . ……………………. ( buy ) the most smartphones. , but experts say there

(10) . ……………. ………..( be ) a growth in the number of older people buying smartphones in the future.

**Answers** : 1. have been using ( present perfect con. ) / 2. were invented ( past simple passive ) / 3. bought ( past simple) / 4. was produced ( past simple passive ) / 5. Had sold ( past perfect) / 6. Are sold ( present simple passive) / 7. Is estimated ( present simple passive) / / 8. Will expand ( future with will ) / 9. Are buying ( present continuous ) / 10. Will be ( future with will )

 **7. Work in pairs and answer the following questions.**

**1. Which form of modern technology do you think is the most useful? Why?**

**أي شكل من التكنولوجيا الحديثة تعتقد أنه الأكثر فائدة ولماذا ؟**

I think the **tablet** is the most useful because *it’s small and light*; *you can take it out with you* and *you can use it for different activities, e.g. surfing the net, listening to music , reading a book*, watching a film, keeping up-to-date with social media etc.

**2.What are the advantages and disadvantages of having laptop computers, tablet computers or smartphones ما هي حسنات وسيئات امتلاك ) لاب توب ( تاب ليت أو هاتف ذكي**

The **advantages** are that *they are light*, *portable and convenient*. The **disadvantages** are that *people use them all the time and then don’t speak to people face to face.*  **3.What would life be like without computers?**

It would take longer to find information; we wouldn’t be able to send documents quickly to another person; we wouldn’t keep in touch with friends and family so easily, etc.

**8 Write a paragraph about how you or your family use modern technology. You should focus on using any new vocabulary to describe this.**

**اكتب فقرة عن كيف تستخدم عائلتك التكنولوجيا الحديثة . استخدم مفردات جديدة**

**اثناء الكتابة يجب التركيز على ما يلي :**

**Write a topic sentence اكتب الجملة الرئيسية في كل فقرة ) والتي تبين الفكرة الرئيسية للفقرة (**

**a body اكتب جمل مساعدة للجملة الرئيسية بحيث توضحها**

**and concluding sentence اكتب جملة خاتمة**

**Use relevant vocabulary استخدم مفردات لها علاقة بالموضوع**

**don’t repeat words لا تكرر الكلمات**

**The paragraph should be easy to understand and follow. اجعل الفقرة سهلة الفهم**

**How you or your family use modern technology**

**Technology in today's world offers ways to communicate effectively so that every member of the family can keep in touch from text messaging, Skype, webcams, facebook, and emails. There are times when one-on-one communications between members of the family falls and so technology can take over the family.**

**The family can sit watching TV. for hours without speaking a word to each other.**

**The influence of technology can be hindrance to interpersonal relationships. The internet has made the world smaller in terms of global interaction, but wider in terms of one-on-one relationships. This can be disastrous to the family life.**

**Family communication will not be affected by technology if it is monitored and controlled, and this is the role of the parents.**

**Activity Book (P .6)**

**2. Choose the correct word:**

1. Modern computers can run a lot of ***programs* برامج */ models* نماذج** at the same time.

2. You can move around the computer screen using a ***tablet* كمبيوتر لوحي */ mouse.* الفأرة**

3. From1990 CE, to 2000 CE was a ***decade* عقد */ generation* جيل** .

4. A ***laptop / tablet* كمبيوتر لوحي** doesn’t need a keyboard.

5. The television was first ***invented* /developed** by John Logie Baird.

Answers : **1 programs / 2 mouse / 3 decade / 4 tablet / 5 invented**

**3. Complete the sentences . Use word from exercise 1 and 2:**

1 Although they are pocket-sized, ………….s are powerful computers as well as phones.

2 My brother is learning how to write computer ……………………… s .

3. I need to make a few …………………. s before I decide how much to spend.

4. Mobile phones used to be huge. Early …………….. s were as big as bricks.

5. I can close the lid of my ………………….. and then put it in my bag.

**Answers : 1 smart phones / 2 program / 3 calculation / 4 model / 5 laptop**

**Grammar (AB.P.7)**

**4. Complete the text with the correct form of the verbs in brackets. The first one is done for you .**

In 1943 CE , the chairman of a “ business machines’ company (1) said ( say) that the world only (2) \_\_\_\_\_\_\_\_\_\_\_\_\_ (need) two or three computers. He (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (be) wrong! Since then, there (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (be) a technological revolution. These days, millions of families (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (have) at least one computer at home, and many people (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (carry) smartphones and tablets with them everywhere. A few people even (7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

( wear) them- either on their wrists, round their necks or on their belts. There’s even more : experts say that one day soon we (8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (attach) them to our skins.

**Answers : 1 said / 2 needed / 3 was / 4 has been / 5 have / 6 carry / 7 wear / 8 will attach**

**5. Choose the correct form of the verbs below. The first one is done for you :**

1. children often **use / are using** computers better than their parents.

2. If you **will play / play** computer games all day, you won’t have time to study.

3. I want **to get / getting** a tablet, but I can’t afford **to buy / buying** one at the moment.

4. Look at the black sky! It **is raining / going to rain** soon

5. I **am coming / come** from Ajloun, but I **am staying / stay** in Irbid for a few months. I will return to Ajloun in spring .

6. Nadia has **been doing / did** her homework for two hours! She **is / will be** finished very soon.

7. If Ali **had / has** his own computer, he **wouldn’t / doesn’t** need to use his friend’s computer.

8. I **was writing/ wrote** an email when my laptop **was switching / switched** itself off.

**Answers** : **1 use / 2 play / 3 to get ; to buy / 4 going to rain / 5 come ; am staying / 6 been doing ; will be / 7 had ; wouldn’t / 8 was writing ; switched**

**using technology in classroom**

استخدام التكنولوجيا في الصف

**(S.B.P.8)**

|  |  |  |
| --- | --- | --- |
| **مدونة** | **a regularly updated personal website or web page, usually written in an informal style** | **blog** |
| **تبادل الرسائل****الالكترونية** | **a series of emails between two or more people, each email generally a reply to the previous one email** | **email exchange** |
| **مواقع التواصل****الاجتماعي** | **social interaction between people and communities on websites or blogs** | **social media** |
| **كمبيوتر لوحي** | **a mobile computer, with a touch screen, processor and battery all in one unit** | **tablet computer** |
| **اللوح الابيض / المغناطيسي** | **a touch screen computer program that enables you to draw sketches, write and present ideas and talks to colleagues or students** | **whiteboard** |
| **يرسل/ينشر** | **to put a message or document on the Internet so that other people can see it** | **post** |

**The first paragraph**

Young people love learning, but they like learning even more if they are presented with information in an interesting and challenging way. Today, I am going to give a talk about how you can use technology in Jordanian classrooms.

 Here are some ideas:

*They : Young people*

الشباب يحبون التعلم، إلا أنهم يحبون التعلم أكثر لو قدمت لهم المعلومات بطريقة مثيرة للاهتمام و فيها تحدي . اليوم سألقي محاضرة عن كيفية استخدام التكنولوجيا في الفصول الدراسية الأردنية .

فيما يلي بعض الافكار:-

**1. There are two characteristics of the ways of the information that make students like learning. Write them down. Answer:**

**1-. If they are presented with information in an interesting and challenging way.**

**The second paragraph**.

Many classrooms now use a whiteboard as a computer screen. As a consequence, teachers can show websites on the board in front of the class. Teachers can then use the Internet to show educational programmes, play educational games, music, recordings of languages, and so on.

العديد من الفصول الدراسية الآن تستخدم السبورة البيضاء الرقمية كشاشة كمبيوتر . ونتيجة لذلك يمكن للمعلمين أن يعرضوا المواقع الالكترونية على اللوح أمام طلاب الصف وهكذا يمكن للمعلمين استخدام الإنترنت لعرض البرامج التعليمية وتشغيل الألعاب التعليمية والموسيقى وتسجيلات اللغات وما شابه ذلك.

**1. How can the teachers show websites in front of the class? 2. Teachers can use the Internet to show many educational programmes. Write down two these programmes.**

**3. Quote the sentence which indicates that a lot of classrooms now use a whiteboard like a computer monitor.**

**Answers :**

**1- Many classrooms now use a whiteboard as a computer screen. As a consequence, teachers can show websites on the board in front of the class. 2- Teachers can then use the Internet to show educational programmes, play educational games, music, recordings of languages, and so on. 3- use a whiteboard as a computer screen.**

**The third paragraph**

In some countries, tablet computers are available for students to use in class. Therefore, students can use the tablets to do tasks such as showing photographs, researching information, recording interviews and creating diagrams. Tablets are ideal for pair and group work.

في بعض الدول , الحواسيب اللوحية متوفرة للطلاب لاستخدامها في الصف . لذلك , يمكن للطلاب استخدامها للقيام بمهام مثل عرض الصور معلومات البحث , تسجيل المقابلات و إنشاء الرسومات البيانية . الحواسيب اللوحية مثالية للعمل الثنائي أو الجماعي **.**

**1. Teachers can ask their students to use their tablets for certain tasks. Write down two of these tasks. 2. Write down the sentence that shows that tablet computers are suitable for different types of class work. 3. Quote the sentence which indicates that not in all countries, tablet computers are obtainable \ accessible for students to use in class. 4. Tablets are perfect and preferable for two kinds of work. Write down these two kinds. Answers :**

**1- showing photographs, researching information, recording interviews and creating diagrams. 2- Tablets are ideal for pair and group work.**

**3- In some countries, tablet computers are available for students to use in class.**

**4- for pair and group work.**

**The fourth paragraph**

Teachers can perhaps ask their students to start writing a blog (an online diary), either about their own lives or as if they were someone famous. They can also create a website for the classroom. Students can contribute to the website, so for example they can post work, photos and messages. *Their : Teachers / their : students*

قد يطلب المعلمون من طلابهم البدء بكتابة مدونة ) مذكرة على الانترنت ( إما عن حياتهم أو اعتبار أنفسهم أشخاص مشهورين . بإمكانهم أيضا إنشاء موقعا الكترونيا لصفهم . الطلاب يمكنهم المساهمة في الموقع , لذلك يمكنهم مثلا نشر إعمالهم و صورهم و رسائلهم .

**1. Students can send many things to the website. Write down two of them 2. Teachers can possibly invite their students to start writing an online diary that contains two main pieces of information. What are they?**

**Answers : 1- work, photos and messages. 2- either about their own lives or as if they were someone famous .**

**The fifth paragraph**

Most young people communicate through social media, by which they send each other photos and messages via the Internet. Some students like to send messages that are under 140 letters for anyone to read. Teachers can ask students to summarise information about what they have learnt in class in the same way. If students learn to summarise quickly, they will be able to use this skill in future.

*They : students*

غالبية الشباب يتواصلون من خلال مواقع التواصل الاجتماعي , من خلالها يرسلون صور لبعضهم البعض عبر الانترنت . بعض الطلاب يفضلون إرسال رسائل تكون اقل من 140 حرف لأي شخص لقراءتها . قد يطلب المعلمون من طلابهم تلخيص ما تعلموه في الصف بنفس الطريقة . إذا تعلم الطلاب التلخيص بسرعة فأنهم سيكونون قادرين على استخدام هذه المهارة في المستقبل.

**1. How do most young people communicate with each other?**

**2. Write down the sentence which indicates that students can send short messages through social media.**

**3. Teachers can improve their students summarising skills. How can they do that?**

**Answers :**

**1- Most young people communicate through social media, by which they send each other photos and messages via the Internet. 2- Some students like to send messages that are under 140 letters for anyone to read. 3- If students learn to summarise quickly, they will be able to use this skill in future.**

**The sixth paragraph**

We all like to send emails, don’t we? Email exchanges are very useful in the classroom. Teachers can ask students to email what they have learnt to students of a similar age at another school. They could even email students in another country.

As a result, students can then share information and help each other with tasks. *They : the students*

نحب جميعا إرسال الايميلات , أليس كذلك ؟ تبادل الايميلات مفيد جدا في الغرفة الصفية .يمكن للمعلمين إن يطلبوا من طلابهم إرسال ما تعلموه الى طلاب من نفس أعمارهم في مدرسة أخرى . حتى بإمكانهم مراسلة طلاب في دولة أخرى . نتيجة لذلك , يمكن للطلاب فيما بعد التشارك في المعلومات و مساعدة بعضهم البعض في المهمات الموكلة إليهم .

 **1. Students can communicate with students in other schools through computers. How can they do that 2. Communicating with other students through computers is very useful for students. Write down two ways of getting that benefit. 3. How can emails be useful \ beneficial in the classroom?**

**Answers : 1- Teachers can ask students to email what they have learnt to students of a similar age at another school. 2- 1students can then share information 2 help each other with tasks. 3- help each other with tasks./email students in another country /to email what they have learnt to students of a similar age at another school**

**The seventh paragraph**

Another way of communicating with other schools is through talking to people over the computer. Most computers have cameras, so you can also see the people you are talking to. In this way, students who are studying English in Jordan can see what students in England are doing in the classroom while they are speaking to them. You can also use this system to invite guest speakers to give talks over a computer. For example, scientists or teachers from another country could give a lesson to the class. If you had this type of lesson, the students would be very excited.

طريقة أخرى للتواصل مع المدارس الأخرى هي التحدث مع الناس من خلال الحاسوب . معظم الحواسيب لها كاميرات , لذلك بإمكانك أن ترى الناس الذين تتحدث معهم . بهذه الطريقة , الطلاب الذين يتعلمون الانجليزية في الأردن بإمكانهم رؤية ما يفعله الطلاب الانجليز في الصف إثناء التحدث معهم . بإمكانك أيضا استخدام هذا النظام لدعوة المتحدثين الضيوف للحديث عبر الحاسوب . مثلا , العلماء أو المعلمون من دولة أخرى يمكنهم إعطاء درس للصف . إذا عندك هذا النوع من الدروس , فان الطلاب سيكونون في غاية السعادة .

**1. Why can you see the people you are talking to? 2. According to the text, whom can you invite to give a talk over a computer? 3. How would students feel when quest speakers from another country could give a lesson to the class? Answers : 1- Because most computers have cameras. 2- scientists or teachers from another country. 3- the students would be very excited.**

**The eighth paragraph**

Students often use computers at home if they have them. Students can use social media on their computers to help them with their studies, including asking other students to check and compare their work, asking questions and sharing ideas. The teacher must be part of the group, too, to monitor what is happening.

Thank you for listening. Does anyone have any questions?

الطلاب غالبا يستخدمون الحواسيب في المنازل أن توفرت . الطلاب يمكنهم استخدام مواقع التواصل الاجتماعي في حواسيبهم لمساعدتهم في دراستهم , يشمل هذا الطلب من الطلاب الآخرين تبادل العمل و التحقق منه , طرح الأسئلة و تبادل الأفكار . المعلم يجب أن يكون جزءا من المجموعة أيضا , لمراقبة ما يجري . شكرا لاستماعكم . هل من احد عنده أسئلة؟

**1. Students can use computers at home to help them in their studies. Write down two ways to do that.**

**2. Teachers must be part of the group who use computers at home. Write down the reason for that.**

**3. What is the teacher's role while students using the social media?**

**4. Quote the sentence which shows where and when students often use their computers .**

**Answers :**

**1- asking other students to check and compare their work. /asking questions /sharing ideas. 2- to monitor what is happening. 3- to monitor what is happening. 4- Students often use computers at home if they have them.**

**Comprehension :**

1-Quote the sentence which shows where and when students often use their computers .

2-How would students feel when quest speakers from another country could give a lesson to the class.

3-How can emails be useful \ beneficial in the classroom?

4-Quote the sentences which indicates that some students like to send short messages for other people to read?

5-Students can send many things to the website. Write down two of them.

6-Students can use the tablets to do tasks. Write down two of these tasks.

7-Teachers can use the Internet to show many educational programmes. Write down two these programmes.

8-There are two characteristics of the ways of the information that make students like learning. Write them down.

**Vocabulary:**

**3 Which of the following would you use to ……**

**blog /email exchange/ social media /tablet computer/ whiteboard**

1. Record interviews with people? ***( Tablet computer* )**

2. Share information with students in another country? 3. Watch educational programmes in class?

4. Ask another student to check your homework? 5. Write an online diary?

Answers : 2 email exchange / 3 whiteboard / 4 social media / 5 blog

**4 Work in pairs. Explain the difference in meaning between these phrases from the article.**

- ***Share ideas***: to give your ideas to another person or to a group.

- ***Compare ideas***: where two or more people consider how their ideas are similar or Different

- ***Create a website***: to construct a website that currently does not exist.

- ***Contribute to a website***: offer your writing and work to the website.

- ***Research information***: to use a variety of sources to find the information you need.

- ***Present information***: to give the results of your research in a presentation

- ***Monitor what is happening***: you know what is happening and you are following the developments.

- ***Find out what is happening***: you don‟t know what is happening and you want to discover it

- ***Give a talk to people***: you have prepared a speech and you are giving this speech to a group of people who are expecting it.

- ***Talk to people***: an informal discussion

- ***Show photos***: you show people photos that you have in person.

- ***Send photos***: you send photos to someone over the Internet or by post

**للحفظ**

**Vocabulary: (SB. P.10)**

**1 Read the words in the box. Check the meaning of any word(s) that you don’t know in the Glossary on page 90** **or in a dictionary .**

|  |  |
| --- | --- |
|  **access****(يدخل لإيجاد المعلومات)** |  (verb) to ﬁnd information, especially on a computer access (noun) – accessible (adjective) |
|  **ﬁlter ( يُنقي)** |  (noun) a program that checks whether certain content on a web page  should be displayed to the viewer ﬁlter (verb) |
|  **identity fraud****) ( انتحال الشخصية** |  (noun) illegal actions using the identity of someone else, normally to buy things |
|  **privacy settings** **( إعدادات الخصوصية)**  |  (noun) controls available on social networking sites which let you decide who can see what information |
|  **security settings****( ضبط الأمان)** |  (noun) controls available on computer programs which let you protect your computer from viruse |

3 **Complete the verb phrases and phrasal verbs with correct words.**

|  |  |  |
| --- | --- | --- |
| English meaning | Arabic  | Word  |
| to have information about someone or something | يعرف عن  | Know about |
| to build a relationship with someone | يتصل مع  | connect with |
| to activate, operate | يشغل  | turn on |
| to allow to be known | يعطي معلومات  | give out |
| to give necessary or recently acquired information | يعبئ نموذج  | fill in |
| to happen | يحدث | take place |
| get up | يستيقظ  | wake up |
| to begin to live a quieter life by getting married or staying permanently in a place | يستقر  | settle down |
| to come together with someone | يقابل  | meet up |
| to walk around a room, building, or place and see what is there | يلقي نظرة  | look around |
| Begin  | يبدأ | get started |



**Writing**

**9 Write a three-paragraph essay of 200 words discussing the advantages and disadvantages of using the internet. Then share your work with the class.**

 **- كتابة المقالات تكون على النحو التالي :**

**1-العنوان :**

 **يجب وضع عنوان للمقال وحاول استخراجه من السؤال .**

**2- الفقرة الأولى )المقدمة: (**

**إستخدم اول سطر من السؤال كجملة بادئه لانها تحتوي صلب الموضوع وتحتوي ايضا على الجملة المفتاحيه.**

**3- الفقرة الثانية )العرض(:**

**إبدأ بالمطلوب واحداً واحداً والمطاليب تبدا من بعد عبارة (Write an essay about).**

**اضف تفاصيل، تواريخ، واي معلومات تراها مناسبة.**

**4- الفقرة الأخيرة )الخاتمة (:تخليص ما تم كتابته بالموضوع الرئيسي ومن ثم اضف رأيك بالموضوع .**

**The advantages and disadvantages of online shopping**

المقدمة: يتم فيها عرض المسألة في جملة أو اثنتين ثم نطرح فرضية تبين عن ماذا سوف نكتب

**Most people now use the Internet on computers, smartphones and tablets to do a variety of tasks. For many people, these tasks include online shopping. From shopping for groceries to all kinds of clothes shopping, consumers are finding this the easiest way to get what they need, literally at the touch of a button. However, there are numerous and important disadvantages to shopping in this way.**

**Although using the Internet to shop is usually fairly easy, and there is often greater variety available, it is always a risk because you cannot try on or see in detail the item you wish to buy. In fact, the immediate ‘convenience’ of shopping in this way can end up being an inconvenience if the item is faulty or does not fi t, or is just not what the customer wanted. It is true that the prices are better when you shop online, but, while it might be cheaper, there is a distinct disadvantage because you have to wait for the delivery of the purchases. Some people might prefer not to have any personal contact while shopping online, but it can save time in the end**

**العرض:**

نعرض المطاليب ونعرض

 بالتفصيل

وجهتي النظر

**since there are always assistants to help with queries you might have during the transaction. In addition to this, there is the issue of Internet payment security; however, recently this has improved a lot.**

**الخاتمة**

ويتم فيها عرض ملخص لأوجه النقاش ثم تكتب وجهة نظرك

**The Internet has indeed given us a wider choice as consumers, as well as made some aspects of shopping more pleasant and convenient. However, it is nearly impossible, in my opinion, to forget the disadvantages we experience from time to time, since these can and do influence the way in which we choose to shop.**

**Free writing :**

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

Computer become a tool in education for even youngest children . do you believe that computers have a value in education or not ? write a letter to your friend convincing him /her of your opinion .

أصبح الكمبيوتر اداة في التعليم حتى للاطفال الصغار , هل تعتقد أن الكمبيوتر له قيمة في التعليم أم لا ؟ أكتب رسالة لصديقك تقنعه برأيك

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…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………**.**

**The internet of things**

**(A.B .P.8)**

**انترنت الاشياء**

**A: What is the ‘Internet of Things’?** ما هو انترنت الأشياء ؟

Everyone knows that the Internet connects people, but now it does more than that – it connects objects, too. These days, computers often communicate with each other; for example, your TV automatically downloads your favourite TV show, or your ‘sat nav’ system tells you where you are. This is known as the ‘Internet of Things’, and there’s a lot more to come.

*It : the Internet*

الجميع يعلم أن الانترنت يربط الناس يبعضها ولكنها الآن تفعل أكثر من ذلك \_ أنها توصل الأشياء أيضاً في هذه الأيام، أجهزة الكمبيوتر غالبا تتصل مع بعضها البعض على سبيل المثال جهاز التلفاز يقوم تلقائيا بتحميل برنامجك التلفزيوني المفضل أو يقوم نظام "الملاحة عبر الأقمار الصناعية بإخبارك أين أنت وهذا ما يعرف بـ "إنترنت الأشياء" وهناك المزيد سيأتي في المستقبل .

1-The internet connects two groups. What are they?

2-According to the text, what is meant by the 'Internet of Things'?

3-The 'Internet of Things' means the connection between different computers. Write down two examples to show this.

4-According to the text, what does the 'sat nav' mean?

5-Find *a word* in the first paragraph which has the same meaning as 'speak to'.

Answers :

1- people / objects. 2- It means the connection between different computers. For example, TV downloads and sat nav. 3- For example, your TV automatically downloads your favourite TV show, or your 'sat nav' system tells you where you are. 4- system tells you where you are. 5- communicate.

B: An easy life! **حياة** **سهلة**

In just a few years’ time, experts say that billions of machines will be connected to each other and to the Internet. As a consequence, computers will increasingly run our lives for us. For example, your fridge will know when you need more milk and add it to your online shopping list; your windows will close if it is likely to rain; your watch will record your heart rate and email your doctor; and your sofa will tell you when you need to stand up and get some exercise!

*It : milk*

خلال سنوات قليلة , يقول الخبراء أن مليارات الآلات سترتبط مع بعضها البعض و بالانترنت . كنتيجة لذلك , ستقوم الحواسيب بشكل متزايد بإدارة حياتنا . مثلا , ثلاجتك ستعرف متى ستحتاج حليب أكثر و إضافته إلى قائمة التسوق خاصتك عبر الانترنت , نوافذك ستغلق إذا كان

هناك احتمال لسقوط المطر , ساعتك ستسجل معدل نبضات قلبك و إرسال ليميل إلى طبيبك الخاص , و أريكتك ستخبرك متى تحتاج للوقوف والقيام ببعض التمارين!

1-Quote the sentence which shows the result of connecting machines to each other and to the internet.

2-According to the writer, computers will increasingly run our lives for us. Write down two examples to show this.

3-According to the text, how will the 'Internet of Things' help you to keep fit?

4-The 'Internet of Things' can make your watch do two things. Write them down

5-The 'Internet of Things' can make your fridge do two things. Write them down

6-The 'Internet of Things' can make your sofa do two things.Write them down.

Answers :

1- As a consequence, computers will increasinglyrun our lives for us**.** 2- A -your fridge will know when you need more milk and add it to your online shopping list; B- your windows will close if it is likely to rain; your watch will record your heart rate and email C- your doctor; and your sofa will tell you when you need to stand up and get some exercise! 3- your sofa will tell you when you need to stand up and get some exercise. 4- Your watch will record your heart rate and email your doctor. 5- Your fridge will know when you need more milk and add it to your online shopping list. 6-Your sofa will tell you when you need to stand up and get some exercise.

C: **A frightening future مستقبل مخيف**

Many people are excited about the ‘Internet of Things’. For them, a dream is coming true. They say that our lives will be easier and more comfortable. However, others are not so sure. They want to keep control of their own lives and their own things. In addition, they wonder what would happen if criminals managed to access

their passwords and security settings. The dream could easily become a nightmare!

الكثير من الناس يستمتعون بانترنت الأشياء . بالنسبة لهم , الحلم أصبح حقيقة . يقولون أن حياتنا ستصبح أسهل و أكثر راحة . على أي حال , الآخرون ليسوا متأكدين تماما . يريدون أن يبقوا مسيطرين على حياتهم و أشياءهم الخاصة . إضافة إلى ذلك , يتساءلون ماذا من الممكن أن يحصل في حال تمكن المجرمون من الوصول إلى كلماتهم السرية و إعدادات الحماية الخاصة بهم . الحلم من السهل أن يصبح كابوسا.

1-According to the text, why are some people excited about the future?

2-According to the text, when could the 'Internet of Things' easily become a nightmare?

3-Find *a word* which means "to find information, especially on a computer"

4-According to the text, why are many people worried about the future?

Answers :

1- because their lives will be easier and more comfortable. 2- if criminals managed to access their passwords and security settings. 3- access. 4- because of losing their passwords and security settings.



**COMPREHENSION**

1. Internet of things connects objects. Write down two examples on it.
2. In near future, machines will be connected to each other and to the Internet. Write down the result of that.
3. According to experts, in near future, computers will run our lives for us. Write down two examples on that.
4. Write down the sentence which indicates that computers will make our life easier in the future.
5. Many people are excited about the Internet of things for a reason. Write it down.
6. Other people are pessimistic about the Internet of things for two reasons. Write them down.
7. Write down the sentence which indicates that some people are afraid of the future with the Internet of things.
8. What does the Internet of things mean?
9. How will the Internet of things help you to keep fit?
10. Why are many people excited about the future?
11. Why are other people worried about the future?
12. Find a word in the text which means “**people who have committed crimes**”