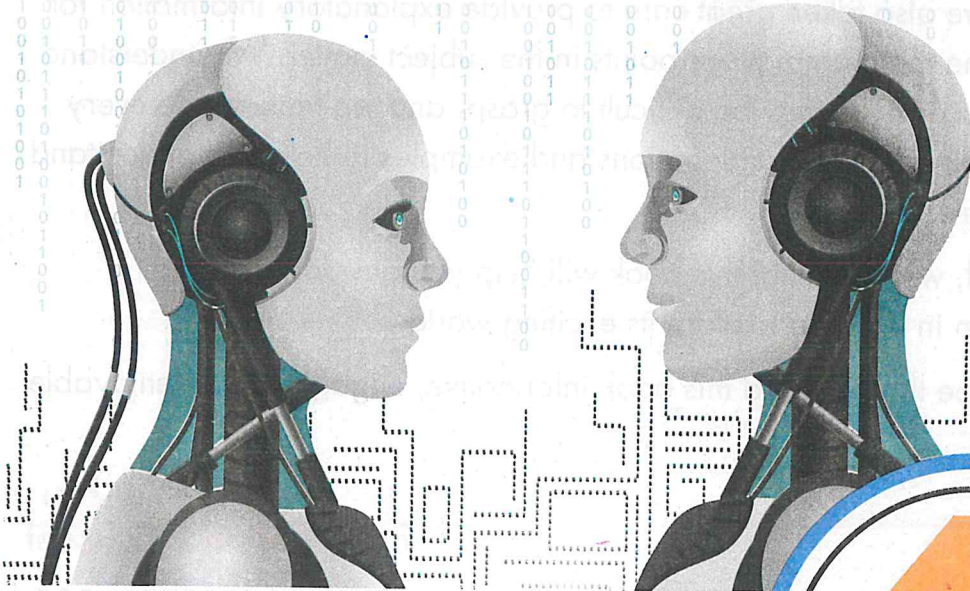


PONY

سلسلة كتب الأستاذ

المنهج
الجديد
المعدل

ICT



By

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Preparation Team

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4th
Primary

First Term

Introduction

We are delighted to introduce our comprehensive educational series **"Pony" in ICT**. This book is designed to provide an interesting and attractive style that will capture your attention and keep you engaged throughout your learning journey.

We understand that learning can be challenging, which is why we have made every effort to provide clear and concise explanations of the topics covered in this book. In addition, the book includes a large number of comprehensive exercises designed to help reinforce your understanding of the concepts presented.

We have also taken great care to provide explanatory information for some of the more ambiguous points in the subject matter. We understand that some concepts may be difficult to grasp, and we have made every effort to provide clear explanations and examples to help you understand these points.

Overall, we hope that this book will help you develop a strong foundation in **ICT** and explore its exciting world.

We hope that you find this book informative, engaging, and enjoyable to read.

Author,
Eng. Osama Youssef



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متواجدون في كافة محافظات جمهورية مصر العربية

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لا يجوز أبداً إعادة إنتاج أي جزء من هذا العمل ولا حفظه بأي صورة من صور
الحفظ والتخزين ولا نقله بأي شكل أو أي وسيلة سواء كانت ميكانيكية
أو إلكترونية أو نسخاً أو تسجيلاً دون إذن كتابي سابق من الناشر.

كل الحقوق
محفوظة

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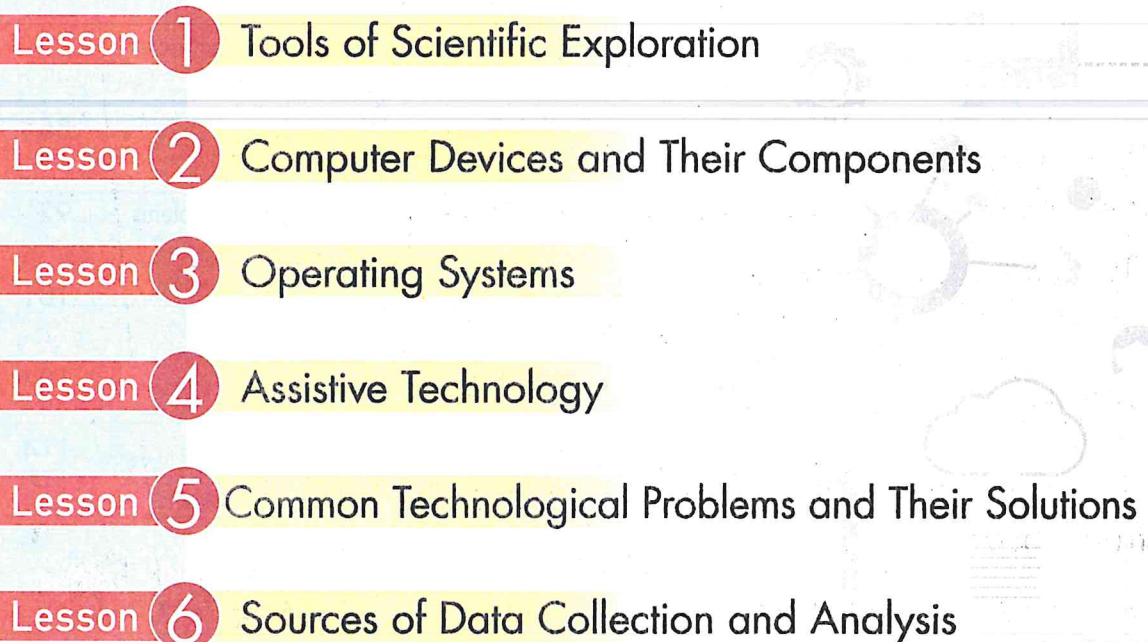
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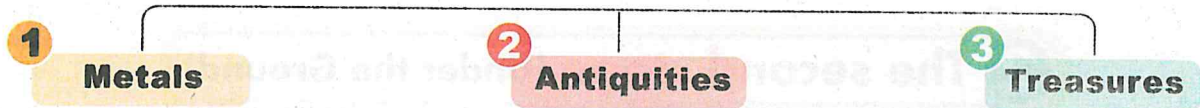
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- Lesson 1 Tools of Scientific Exploration
- Lesson 2 Computer Devices and Their Components
- Lesson 3 Operating Systems
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Lesson

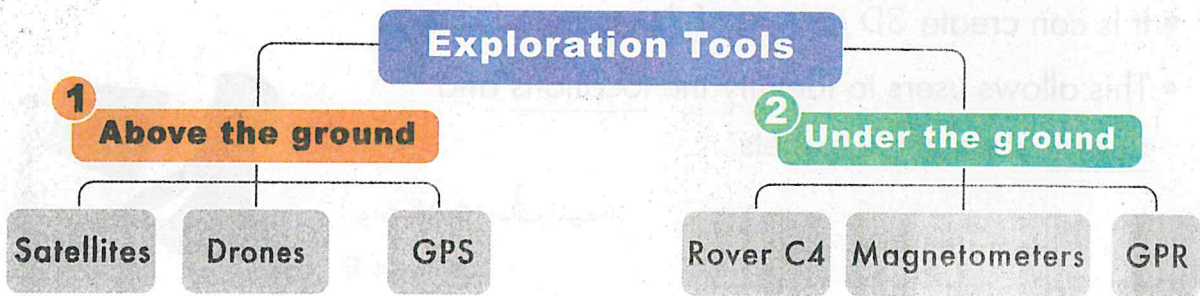
1

Tools of Scientific Exploration

- » Scientists rely on many technological tools in their explorations.
- » These tools help them in scanning and detecting buried objects under the Earth's surface, such as:



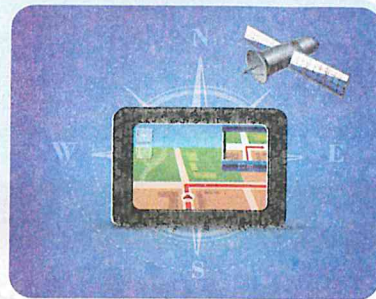
- « يعتمد المستكشفون على العديد من الأدوات التكنولوجية في استكشافاتهم.
- « هذه الأدوات تساعد في عمليات المسح والاستكشاف عن الأجسام المدفونة تحت سطح الأرض، مثل:



1 The first stage (Above the Ground)

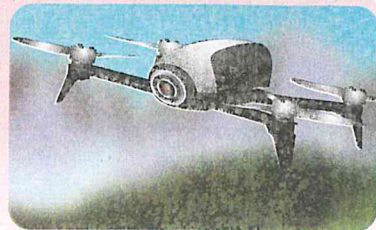
1 Satellites:

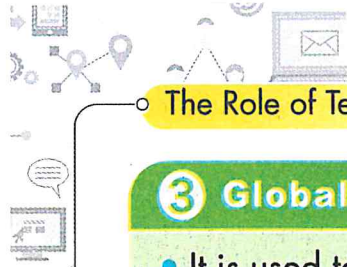
- They are used to take photographs of the Earth from above.
- تستخدم الأقمار الصناعية للحصول على معلومات وصور للأرض من أعلى.



2 Drones:

- They are used to take photographs of the Earth from above.
- تستخدم الطائرات بدون طيار للحصول على معلومات وصور للأرض من أعلى.





The Role of Technology in Our Lives

3 Global Positioning System (GPS):

- It is used to find the location of something using satellites.

يستخدم للعثور على موقع الجسم باستخدام الأقمار الصناعية.



Unit

2 The second stage (Under the Ground)

1 Rover C4:

- It is used to detect metals and objects buried under the ground.
- It is can create 3D images of the scanned area.
- This allows users to identify the locations and depths of potential targets.

أدوات الاستكشاف المهمة:

1 Rover C4.



- تم تطويره للكشف عن المعادن الأجسام المدفونة تحت الأرض.
- كما أنه يُنشئ صورًا ثلاثية الأبعاد للمنطقة المسوحة ضوئيًا.
- يتيح ذلك للمستخدمين تحديد مواقع الأهداف المحتملة وعمقها.

2

- It uses radar to find object buried underground.

الرادار المخترق للأرض (GPR):

- يستخدم الرادار للعثور على الأجسام المدفونة تحت الأرض.



3 Magnetometers:

- They measure the **magnetic field**.
- They can find **metal** underground.

أجهزة قياس المغناطيسية:

- قياس المجال المغناطيسي.
- يمكنها العثور على المعادن تحت الأرض.



Test Yourself

Complete the following sentences:

- 1 is used to find minerals in the ground.
- 2 If you're going to a restaurant for the first time, you can use the to guide you.
- 3 The enables us to find objects buried underground.
- 4 is a 3D ground scanner that detects metals underground.

أهم الكلمات والمصطلحات

3D ground scanner	ماسح أرضي ثلاثي الأبعاد	Magnetometer	مقياس المغناطيسية
Explore	استكشاف	Ground Penetrating Radar (GPR)	رادار اختراق الأرض
Treasures	كنوز	Magnetic field	المجال المغناطيسي
Gold	ذهب	Potential targets	الأهداف المحتملة
3D image	صورة ثلاثية الأبعاد	Location	الموقع
Depths	العمق	Discover	يكشف
Under the ground	تحت الأرض	Buried underground	مدفونة تحت الأرض
Satellite	قمر صناعي	Tools	أدوات
Global Positioning System (GPS)	نظام تحديد المواقع العالمي		



Exercises on Lesson 1

1

1 Choose the correct answer:

- 1 Exploration tools detect underground.
a. metals b. treasures c. remains d. all of them
- 2 is a 3D ground scanner used to detect metals.
a. GPS b. Drones
c. Rover C4 d. A satellite (القاهرة - عين شمس 2026)
- 3 is used to find the locations of objects above the ground.
a. GPS b. A magnetometer
c. GPR d. All of them (القاهرة - بدر 2024)
- 4 is a device that relies on satellites to detect locations of things.
a. A magnetometer b. Ground Penetrating Radar (GPR)
c. A drone d. Global Positioning System (GPS)
(الإسكندرية - المنتزة أول 2026) (الغربية - غرب المحلة 2026) (القاهرة - شرق مدينة نصر 2026)
- 5 To locate the places that I am interested in visiting, I use
a. passwords b. GPS
c. digital blogs d. browsers
(القاهرة - عين شمس 2026) (الإسكندرية - إدارة شرق 2024)
- 6 can discover objects buried underground.
a. GPS b. GPR c. GPA d. Satellites
(الإسكندرية - برج العرب 2026) (الإسكندرية - إدارة شرق 2024)
- 7 Rover C4 can identify both location and
a. time b. depth c. weather d. color
- 8 The Global Positioning System (GPS) relies on to locate places and sites. (سوهاج 2025)
a. radars b. satellite c. drones d. data theft
- 9 Archaeologists depends on to search for metals underground.
a. drones b. satellites c. magnetometers d. GPS
(الإسكندرية - المنتزه أول 2025) (الإسماعيلية 2025)
- 10 The Rover C4 is a/an scanner.
a. 2D b. 3D c. audio d. visual
(القاهرة - عين شمس 2026) (الجيزة - 6 أكتوبر 2026)

- 11  is a device used to detect metal coins buried underground.
 a. A satellite b. GPS c. A drone d. A magnetometer
 (الإسكندرية – العجوي 2026)
- 12  A magnetometer depends on to detect things buried underground.
 a. radars b. satellites
 c. drones d. measuring the magnetic field
 (الإسكندرية – المنتزه أول 2026)
- 13 The measures the magnetic field.
 a. drone b. magnetometer
 c. satellite d. GPS
 (القليوبية 2026) (القليوبية 2025)
- 14 You take photos by using
 a. magnetometer b. GPS
 c. ground penetrating radar d. drone
 (القاهرة – شرق مدينة نصر 2026) (الإسكندرية – شرق 2026) (الإسكندرية – وسط 2026)
- 15 GPS depends on to determine the places and locations.
 a. satellite b. magnetometer
 c. rover C4 d. GPR
 (الشرقية – العاشر من رمضان 2026) (المنوفية – شبين الكوم 2026)
- 16 is used to take photos above the ground.
 a. Magnetometer b. Satellites
 c. GPR d. ICT
 (الأسماعيلية 2026)

2 Put (✓) or (X):

- 1 The Rover C4 device is used to create 2D images of scanned areas. ()
- 2 GPS is used mainly to measure the magnetic field. ()
- 3 Satellites are used underground. (الجيزة - 6 أكتوبر 2026) (حداائق أكتوبر 2025) ()
- 4 The magnetometer is used to find the location of something using satellites. (الإسكندرية – إدارة العجوي 2024) ()
- 5 Tourists can use GPS to determine locations while traveling. (القليوبية 2026) ()
- 6 The Earth's Penetrating Radar is used to detect underground bodies. (الإسكندرية - المنتزه ثانٍ 2025) ()
- 7 GPS uses the radar to find objects buried underground. (القاهرة – عين شمس 2026) ()

- 8 The taxi driver relies on the GPS device. (المنوفية - قويسنا 2023) ()
- 9 The Global Positioning System (GPS) is used to locate things underground. ()
- 10 GPR is a device that uses satellites to locate buried object. ()
- 11 A magnetometer is used to determine places via satellites. (الإسكندرية - المنتزه أول 2025) ()
- 12 The Ground Penetrating Radar is used to discover objects buried underground. (الإسكندرية - المنتزه أول 2024) ()
- 13 GPR is a device that uses the radar to find any object buried underground. (الدقهلية - طلخا 2023) ()
- 14 A magnetometer is used to measure a magnetic field underground. ()
- 15 Archaeologists use a Ground Penetrating Radar to find objects above the ground. (البحر الأحمر - الغردقة 2023) ()
- 16 The Global Positioning System (GPS) relies on satellites to determine places and locations. (البحيرة - دمنهور 2026) (الإسكندرية - العجى 2026) ()
- 17 Magnetometers can find metal underground. (الغربية - غرب المحلة 2026) ()
- 18 The radar device is used to discover coins under the ground. (الإسكندرية - المنتزه أول 2026) ()
- 19 The Rover C4 device is used to determine places via satellite. (الدقهلية - ميت غمر 2026) ()

3 Choose from column (A) what suits it in column (B):

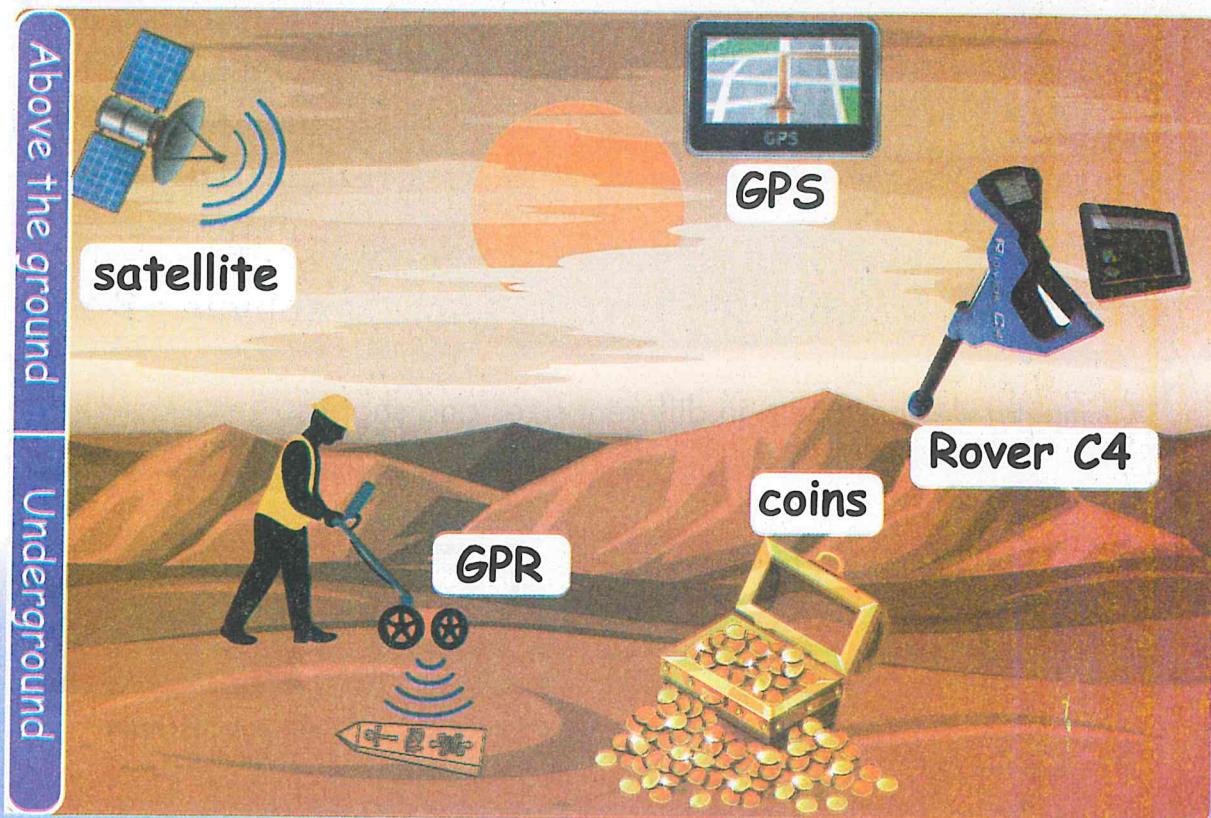
Column (A)	Column (B)
1 A magnetometer	a. is a 3D ground scanner that creates 3D images of the scanned area.
2 GPS	b. enables us to discover minerals underground.
3 GPR	c. helps to find the location of the places you want to visit. (سوهاج 2025)
4 Rover C4	d. enables us to discover objects buried underground.
1	2
3	4

Play with PONY



Help the explorer fill in the missing words:

- 1- The is used to find the location of something using satellites.
- 2- The is a 3D ground scanner that searches for treasures and metals underground.
- 3- A magnetometer can find underground.
- 4- The can discover any objects buried underground.



Lesson

2

Computer Devices and Their Components

The Computer

It is an electronic device that stores, processes, and restores data.

هو جهاز إلكتروني يقوم بتخزين ومعالجة واسترجاع للبيانات.



The Importance of the Computer

» Computers can be used to do the following:

- 1 Write documents.
- 2 Browse the Internet.
- 3 Play electronic games.
- 4 Create presentations.
- 5 Create videos.

« استخدامات الكمبيوتر:

- 1 كتابة المستندات.
- 2 تصفح الإنترنت.
- 3 ممارسة الألعاب الإلكترونية.
- 4 إنشاء عروض تقديمية.
- 5 إنشاء مقاطع الفيديو.



Computer devices come in different sizes and shapes.

أجهزة الحاسب الآلي تأتي بأحجام وأشكال مختلفة.



1 Desktop Computer (PC)



2 Laptop

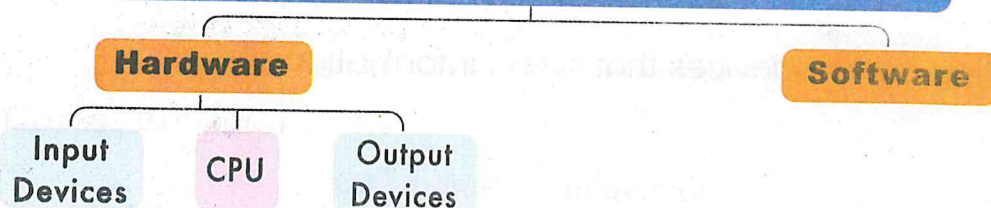


3 Tablet



4 Touchscreen devices

Computer Components المكونات الكمبيوتر

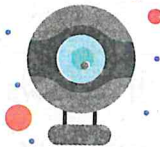


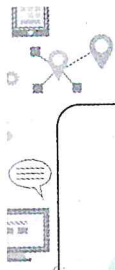
1 Input Devices

» They are devices that **enter data** into a computer.

« هي أجهزة تقوم بإدخال البيانات إلى جهاز الكمبيوتر.

Examples of Input Devices

Device	Figure	Function
1 Keyboard		- It is used to type letters and numbers into the computer. - يستخدم لإدخال الحروف والأرقام على الكمبيوتر.
2 Mouse		- It is used to select and move things easily. - يستخدم لتحريك واختيار الأشياء بسهولة.
3 Camera		- It is used to input images or videos into the computer. - تقوم بإدخال صور أو فيديو للكمبيوتر.
4 Microphone		- It is used to input sounds and audio into the computer. - يقوم بإدخال صوت إلى الكمبيوتر.
5 Touch screen		- It allows the user to move things on computer. - تسمح للمستخدم بتحريك الأشياء على الكمبيوتر.



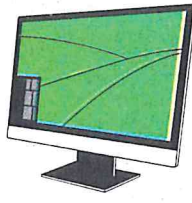
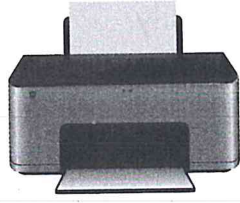
The Role of Technology in Our Lives

2 Output Devices

They are the devices that **output** information.

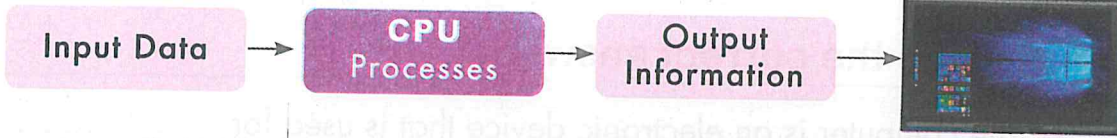
« هي أجهزة تقوم بإخراج المعلومات.

Examples of Output Devices

Device	Figure	Function
1 Screen		- It shows what you are doing on the computer. - تُظهر ما تقوم به وتفعله على الكمبيوتر.
2 Speakers		- They are used to output sound. - تستخدم لإخراج الصوت من الكمبيوتر.
3 Printer		- It is used to output texts or images from your computer on paper. - تستخدم لإخراج وطباعة النصوص أو الصور من الكمبيوتر على الورق.
4 Braille terminal		- It allows blind people to use computers. - تُتيح للأشخاص المكفوفين استخدام الكمبيوتر.
5 Speech synthesizer		- It allows non-verbal people to speak. (How?) - It changes text to speech. - يساعد الأشخاص الذين يعانون من عدم القدرة على الكلام على التواصل. - يقوم هذا الجهاز بتحويل النص المكتوب إلى كلام.

How does a computer work?

- » It receives data through the input devices, then processes it.
 Finally, it displays the results through the output devices.



كيف يعمل الكمبيوتر؟ يستقبل البيانات ثم يعالجها وأخيراً، يعرض النتائج من خلال أجهزة الإخراج.

NOTES:

- 1 A touch screen can be used as an **input device** and an **output device**.
- 2 The most important element of the computer system is **you**, the **user**! **Why?**
 - Because the **quality of output** depends on the **data you entered** and how well you know how to use the devices.

ملاحظات:

- 1 يمكن استخدام شاشة اللمس كجهاز إدخال وجهاز إخراج في نفس الوقت.
- 2 العنصر الأهم في نظام الكمبيوتر هو أنت (المستخدم)! لماذا؟
 - لأن جودة المخرجات تعتمد على البيانات التي قمت بإدخالها، وعلى مدى معرفتك بكيفية استخدام الأجهزة.

أهم الكلمات والمصطلحات

Processing data	معالجة البيانات	Screen	الشاشة
Write documents	كتابة المستندات	Speaker	مكبر الصوت
Browse the Internet	تصفح الإنترنت	Output sound	إخراج الصوت
Store	يخزن	Printer	الطابعة
Restore	يستعيد	Braille	طريقة برايل
Manufacturing date	تاريخ التصنيع	Blind people	الأشخاص المكفوفون
Hardware	الأجهزة	Speech synthesizer	مركب الكلام
Software	البرامج	Non-verbal people	الأشخاص غير الناطقين
Input devices	أجهزة الإدخال	Changes text to speech	يحول النص إلى كلام
Output devices	أجهزة الإخراج	Touch screen	شاشة اللمس
Keyboard	لوحة المفاتيح	User	المستخدم
Mouse	الفأرة	Select and move things	تحديد وتحريك الأشياء



Exercises

on Lesson

2

1 Choose the correct answer:

- 1 The computer is an electronic device that is used for
a. browsing the Internet b. writing documents
c. creating videos d. all of them
- 2 The types of computers include
a. personal computers b. tablets
c. laptops d. all of them (الإسكندرية - المنتزه أول 2025)
- 3  A keyboard is used to insert to a computer.
a. images b. letters and numbers
c. sounds d. videos (سوهاج 2026)
- 4 One of the attached devices that is used during video calls is the
a. printer b. scanner c. camera d. none of them
(القاهرة - عين شمس 2026) (الإسكندرية - المنتزه ثان 2026)
- 5 is/are device(s) that are used to enter data into a computer.
a. Input devices b. Output devices
c. The CPU d. A screen
- 6 The component responsible for entering the data into a computer is the
a. keyboard b. CPU c. printer d. none of them
(القليوبية 2026) (الإسكندرية - المنتزه ثان 2024) (الإسكندرية - إدارة شرق 2024) (كفر الشيخ 2023)
- 7 terminal is a way to read text for blind people by touch.
a. An earpiece b. A screen c. Braille d. A microphone
(القليوبية 2026) (الجيزة - العمرانية 2025)
- 8 is/are used to input text for the computer.
a. Speakers b. A microphone
c. A keyboard d. A printer (البحيرة - دمنهور 2025)
- 9  The is/are used to output (sounds) from the computer.
a. speakers b. microphone c. keyboard d. printer
(الإسماعيلية 2026) (الإسكندرية - العجى 2026) (الإسكندرية - برج العرب 2026) (القاهرة - شرق مدينة نصر 2026)

- 10 is/are device(s) that output information from a computer.
 a. Input devices b. Output devices
 c. The CPU d. The keyboard
- 11 A is used to print the text and images on paper.
 a. s.;pcreen b. printer c. scanner d. speaker
 (القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025)
- 12 All the following are input devices of the computer components, except the
 a. screen b. microphone c. keyboard d. mouse
- 13  is a device that allows non-speakers to speak.
 a. A speech synthesizer b. A keyboard
 c. A speaker d. None of them
 (الجيزة - 6 أكتوبر 2026) (الإسكندرية - المنتزه أول 2026) (الإسكندرية - العجسي 2025)
- 14 Information is considered the processing product of
 a. data b. digital blogs
 c. emails d. hardware
 (الإسكندرية - المنتزه ثان 2025) (الجيزة - العمرانية 2025)
- 15  The allows blind people to use the computer.
 a. speech synthesizer b. printer
 c. keyboard d. braille terminal
 (القاهرة - عين شمس 2026) (الإسكندرية - الجمرک 2026) (حدائق أكتوبر 2025)
- 16 The speech synthesizer is a type of
 a. input device b. output device
 c. printing device d. software (الإسكندرية - المنتزه ثان 2024)
- 17 The enables you to enter sounds into the computer.
 a. screen b. speaker c. microphone d. mouse
 (الغربية - طنطا 2024)
- 18 To hear others through the Internet, you should have a
 a. microphone b. speaker c. camera d. printer
- 19 The most important element of the computer system is the
 a. mouse b. user c. CPU d. screen
 (الجيزة - 6 أكتوبر 2026) (الجيزة - حدائق أكتوبر 2024)

- 20 is from input units. (الإسكندرية - شرق 2026) (الإسكندرية - وسط 2026)
- a. Microphone b. Speech synthesizer
- c. Screen d. Printer
- 21 The is used to enter text and images from paper to computer.
- a. scanner b. microphone
- c. mouse d. printer (القاهرة - شرق مدينة نصر 2026)

2 Put (✓) or (X):

- 1 The computer is an electronic device for storing and processing data. (الإسكندرية - العجى 2026) (الإسكندرية - شرق 2025) ()
- 2 Input devices in computers work on processing data. ()
- (الجيزة - العمرانية 2025) (القاهرة - عين شمس 2024)
- 3 Computers are used to create presentations. (الإسكندرية - المنتزه أول 2023) ()
- 4 Personal computer and laptop are from ICT tools. ()
- (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - المنتزه أول 2026) (الإسكندرية - الجمر 2026)
- 5 The keyboard is used to enter letters and numbers to computer. ()
- (الإسكندرية - المنتزه أول 2026) (الإسكندرية - شرق 2026) (الإسكندرية - وسط 2026)
- 6 Non-verbal people use speech synthesizers to communicate using the computer. ()
- 7 A computer first outputs data, then processes it. ()
- 8 Printers and speakers are examples of output devices. ()
- 9 We use microphones in chat programs to input the sound. ()
- (الجيزة - بولاق الدكرور 2024)
- 10 Information is the final result we get after processing the data. (الإسكندرية - المنتزه ثانٍ 2025) ()
- 11 All computer devices have the same shape. ()
- (القليوبية 2026) (الجيزة - 6 أكتوبر 2026) (السويس 2024)
- 12 The most important element of the computer system is you. ()
- 13 The speech synthesizer is the component responsible for outputting visual information. (المنوفية - شبين الكوم 2025) ()
- 14 Keyboard is used to enter text and images from paper into the computer. (البحيرة - دمهور 2026) ()

15 Scanner is used to print images from the computer onto paper.

(الاسكندرية - برج العرب 2026) (الدقهلية - ميت غمر 2026)

16 Braille terminal helps blind people to use the computer.

(الاسكندرية - المنقطة أول 2026)

17 Braille terminal transforms letters into prominent symbols that can be read by touching.

(الأسماعيلية 2026)

18 The speech synthesizer allows blind people to use computer.

(القليوبية 2026)

3 Complete the following sentences using the words between the brackets:

(screen – Speakers – Braille terminal – Keyboard – microphone)

1 is a device that allows blind people to use the computer.

(الإسكندرية - وسط 2025)

2 is from input devices.

(سوهاج 2026)

3 A enables you to write letters and numbers.

(البحيرة 2023)

4 The is used to display data, images, and videos.

(بورسعيد 2025)

5 are used to output audio data.

4 Cross out the odd word:

1 Keyboard – Printer – Camera – Mouse (.....)

2 Printer – Speaker – Microphone – Screen (.....)

3 Speech synthesizer – Braille terminal – Keyboard (.....)

5 Classify these words into input or output devices:

(Speech synthesizer – Touch screen – Speakers – Camera – Keyboard – Printer)

Input Devices	Output Devices
.....	
.....	
.....	

Play with PONY

Circle the output devices with blue.

Circle the input devices with red.



Keyboard



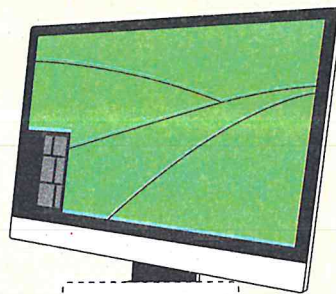
Camera



Mouse



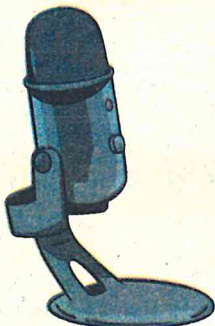
Braille terminal



screen



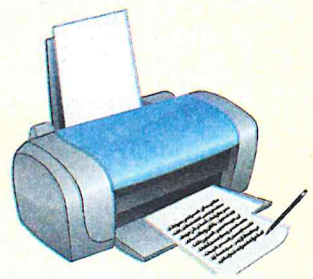
Speech synthesizer



Microphone



Speakers



Printer

on

1&2

1

- (الاسكندرية - العجمي 2026)

2

- ()

Lesson 3

Operating Systems

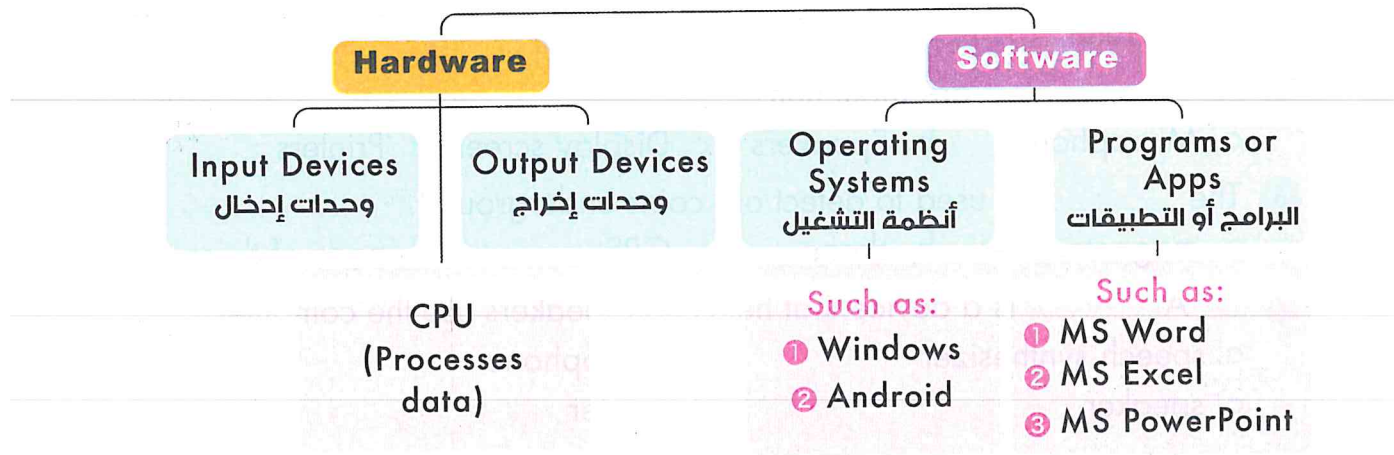
» We use computers for many things, such as:

- 1 Playing games.
- 2 Writing notes.
- 3 Browsing the Internet.
- 4 Writing school reports.



» نحن نستخدم أجهزة الكمبيوتر في أشياء كثيرة مثل: لعب الألعاب، كتابة الملاحظات، وتصفح الإنترنت وكتابة تقارير للمدرسة.

» As we studied in Lesson 2, computer consist of:



1 وحدة المعالجة المركزية CPU

- 1 The Central Processing Unit (CPU) is like the brain in the human body.
- 2 It processes data and converts it into useful information.
- 3 It is a type of hardware.



- ١ - وحدة المعالجة المركزية كالعقل في جسم الإنسان.
- ٢ - تقوم بمعالجة البيانات وتحويلها إلى معلومات مفيدة.
- ٣ - هي من المكونات المادية للكمبيوتر.

2 Software البرمجيات

3 Lesson

1. Operating System

» It manages **hardware** and **software**.

« يدير الأجهزة والبرامج.

Examples:

- **Windows:** It is the most famous operating system for computers.



2. Programs (Applications)

» Such as:

- 1 **MS Word:** It is used to write documents or reports.



يستخدم لكتابة وثائق أو تقارير.

- 2 **MS Excel:** It is used to create tables (spreadsheets) and graphs.



يستخدم لإنشاء الجداول والرسوم البيانية.

- 3 **MS PowerPoint:** It is used to create presentations.



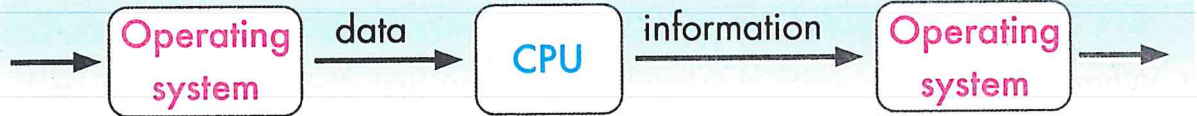
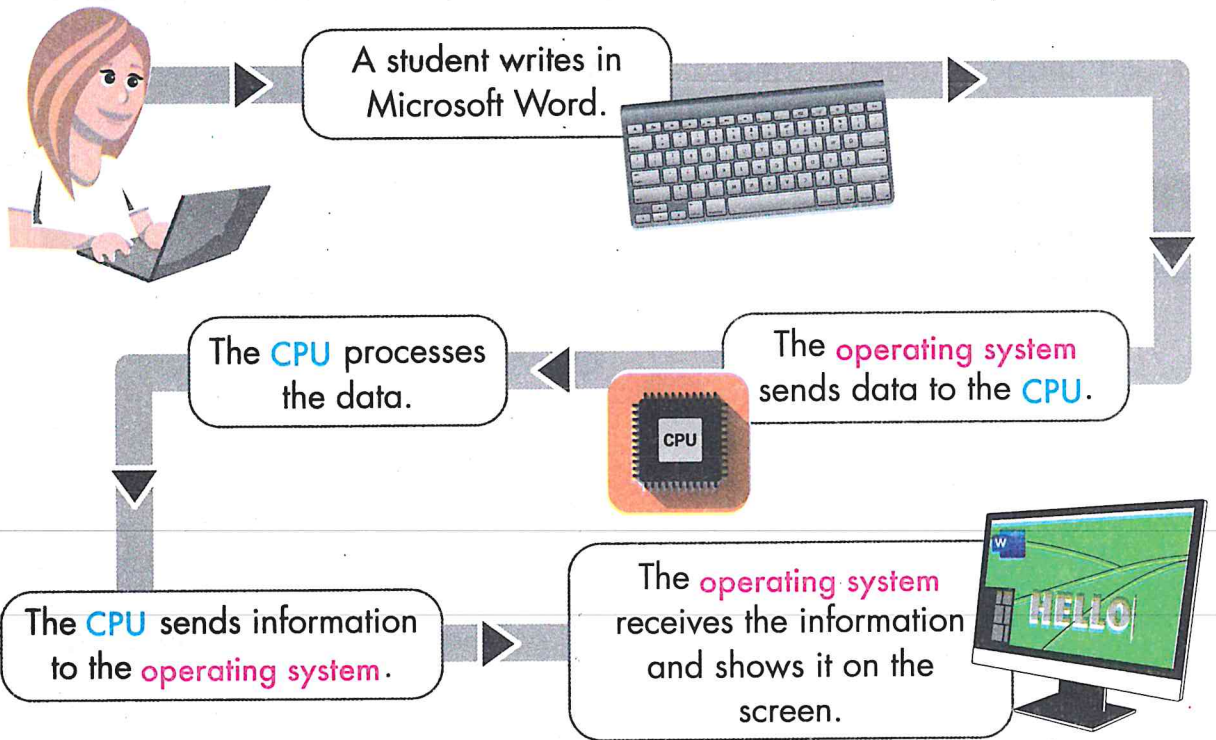
يستخدم لعمل العروض التقديمية.

- When you want to write a school report, you first open a program such as Microsoft word.
- The operation system, like Windows, opens and runs the program.

• عندما ترغب في كتابة تقرير مدرسي، تقوم أولاً بفتح برنامج مثل مايكروسوفت وورد.

• يقوم نظام التشغيل، مثل ويندوز، بفتح البرنامج وتشغيله.

The diagram below shows how data is processed in Microsoft Word:



أهم الكلمات والمصطلحات

Software	البرمجيات	Lose	يفقد
Programs	البرامج	Operating Systems	أنظمة التشغيل
Applications	التطبيقات	Central Processing Unit (CPU)	وحدة المعالجة المركزية
Browsing the Internet	تصفح الإنترنت	Processes data	يعالج البيانات
Runs the program	يشغل برنامجاً	Writing notes	كتابة الملاحظات
Follow instructions	ينفذ التعليمات	Regularly	بانتظام



Exercises

on Lesson

3

1 Choose the correct answer:

- 1  is considered one of the necessary software to run the computer.
(القاهرة - عين شمس 2026) (القاهرة - شرق مدينة نصر 2026)
a. Google Chrome b. An operating system
c. Microsoft Word d. MS PowerPoint (أبنؤنا في الخارج 2025)
- 2  program is considered an operating system software.
a. Google b. CPU c. Windows d. Word
(المنوفية - شبين الكوم 2026) (الأسماعيلية 2026) (سوهاج 2026) (الشرقية - هيا 2023)
- 3 The central processing unit (CPU) is used to process
a. key board b. data c. screen d. mouse
(الإسكندرية - شرق 2026) (الإسكندرية - المنتزة أول 2026)
- 4 is considered one of the hardware components of a computer.
a. PowerPoint b. A browser c. The CPU d. Windows
(الإسكندرية - المنتزة أول 2023)
- 5 Windows is a type of
a. hardware b. operating system
c. data d. none of them
(القليوبية 2026) (الغربية - طنطا 2025)
- 6  program is used to write and format text and insert images.
a. Google Chrome b. MS Word
c. Windows d. MS PowerPoint
- 7  receives data from the operating system.
a. A keyboard b. The CPU c. A screen d. MS Word
(البحيرة - دمنهور 2026) (الإسكندرية - وسط 2026)
- 8 The program that is used to write school reports is
a. screen magnification b. Word
c. speech synthesizer d. Excel
(الإسكندرية - العجى 2026) (الإسكندرية - المنتزة ثان 2025)

- (الأسماعيلية 2026) (المنوفية - شبين الكوم 2025)

2

- (الإسكندرية - المنتزه أول 2025)

13 Information is the final result, we get after processing the data. ()

(الأسماعيلية 2026) (الغربية - غرب المحلة 2026)

14 The screen helps in processing data. ()

(الأزهر - منطقة القاهرة 2024) (كفر الشيخ 2023) (الإسكندرية - إدارة شرق 2024)

15 The operating system sends data to the CPU. ()

(الإسكندرية - المنزه أول 2025)

3 Complete the following sentences using the words between the brackets:

(data - CPU - Word - Windows)

1 is considered one of the operating systems software.

(الجيزة - 6 أكتوبر 2026) (الشرقية - العاشر من رمضان 2026) (الإسكندرية - إدارة وسط 2025)

2 The Central Processing Unit (CPU) processes

(البحيرة - دمنهور 2025)

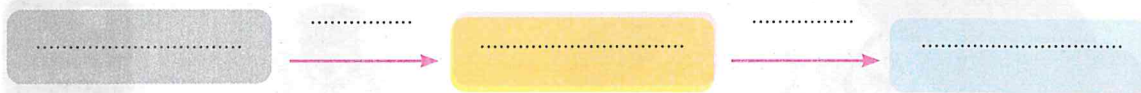
3 is used to write and format texts.

(سوهاج 2025)

4 The is a type of hardware.

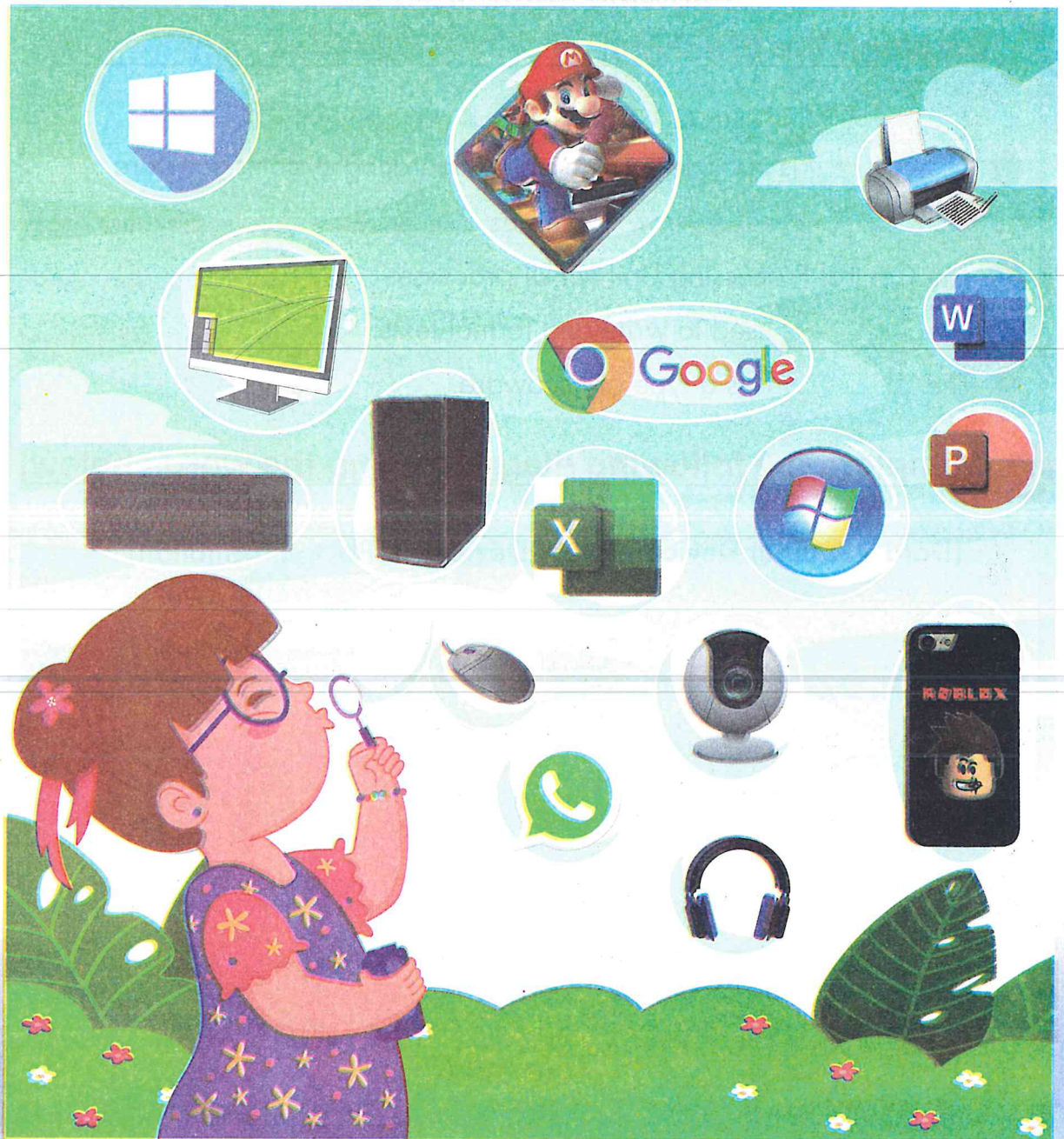
4 Complete the following diagram using the words below:

(Data - Output Device - Input Device - CPU - Information)



Play with PONY

Select the Software



- » We all use technology in our daily lives to help us.
- » There is also a special type of technology called **Assistive Technology**.

Assistive Technology التكنولوجيا المساعدة

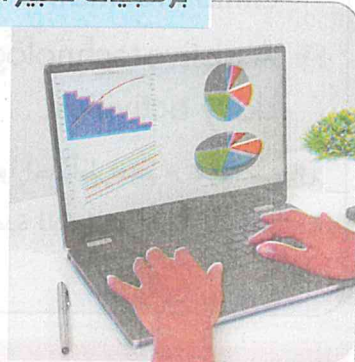
It is a special kind of technology that helps **people of determination** with tasks that they find difficult to do.

هي نوع خاص من التكنولوجيا يساعد أصحاب الهمم في المهام التي يجدون صعوبة في القيام بها.

Examples of Assistive Technology

1 Screen magnification software برمجيات تكبير الشاشة

- » This software **enlarges** everything on a computer screen, such as words and images.
- » It allows **people with poor vision (visually impaired)** to interact with computers.

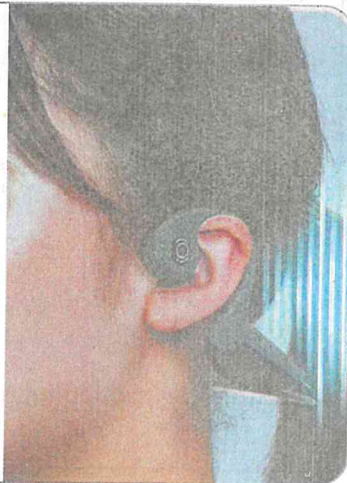


» تُكَبِّرُ كل شيء على شاشة الكمبيوتر مثل النصوص والصور.

» تسمح للأشخاص **ضعاف البصر** بالتفاعل مع الكمبيوتر.

2 Hearing aids سماعات الأذن الطبية

- » Hearing aids help people who have **trouble hearing**.
- » Modern hearing aids can be connected to **mobile devices**.



» تساعد الأشخاص الذين يعانون من **مشاكل في السمع**.

» بعض الأجهزة الحديثة يمكن توصيلها بالهاتف المحمول.

The Role of Technology in Our Lives

3 Alternate communication software برمجيات التواصل البديلة

» This software helps people with **speech and language disabilities** communicate with others.

Example

» Computer programs that can turn **text into speech** and **speech into text**.

» تساعد الذين يعانون من إعاقة في النطق أو اللغة على التواصل مع الآخرين.
» مثال: يمكن لبعض برامج الكمبيوتر تحويل نص مكتوب إلى كلام، والعكس.



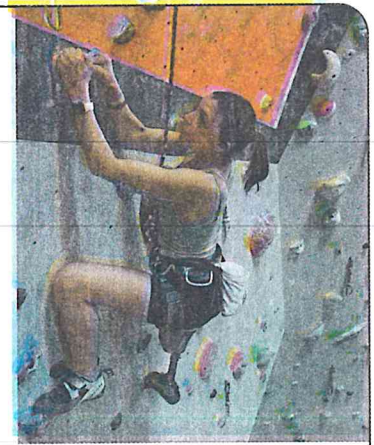
4 Sporting tools الأدوات الرياضية

Such as: **Paraclimbing tools**:

» They allow **climbers with limb differences** to climb mountains.

» Assistive technology can help individuals perform daily activities.

• أدوات التسلق: تتيح للمتسلقين - الذين فقدوا أحد أطرافهم - تسلق الجبال؛
يمكن للتكنولوجيا المساعدة أن توفر المساعدة للأفراد في ممارسة الأنشطة اليومية.



أهم الكلمات والمصطلحات

Assistive technology	التكنولوجيا المساعدة	People of determination	ذوي الهمم
Tasks	مهام	Hearing aids	أجهزة السمع
Limb difference	اختلاف في الأطراف	Poor vision	ضعف البصر
Screen magnification software	برنامج تكبير الشاشة	Visually impaired	الأشخاص ضعاف البصر
Screen enlargement	تكبير الشاشة	Speech and language disabilities	إعاقات في النطق واللغة
Paraclimbing tools	أدوات تسلق الجبال لذوي الهمم	Turn text into speech	تحويل النص إلى كلام
Alternate communication software	برامج التواصل البديلة	Support	دعم - مساعدة



Exercises on Lesson 4

4

1 Choose the correct answer:

- 1 helps people of determination in their daily life.
a. A keyboard b. A screen c. Assistive technology d. A mouse
(القاهرة - عين شمس 2026) (الجيزة - العمرانية 2025)
- 2  help(s) visually impaired people interact with the computer screen and enlarge (zoom) it.
a. Hearing aids b. Screen enlargement (zoom) software
c. Sport tools d. Communication tools
(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - الجمرک 2026) (الإسكندرية - إدارة شرق 2026)
- 3 People who have trouble hearing can use
a. hearing aids b. screen zoom
c. sporting tools d. none of them
(القاهرة - عين شمس 2026) (القاهرة - بدر 2024) (بندر دمهور 2024) (الإسكندرية - إدارة شرق 2023)
- 4 The assistive technology is a type of technology that helps people with
a. mental problems b. physical injuries
c. disabilities d. both a and b
- 5 is/are software that is used to assist the visually impaired.
a. Earphones b. Screen enlargement
c. Alternative communication software
d. Running blades
(الغربية - غرب المحلة 2026) (بورسعيد - إدارة شمال 2023)
- 6  help(s) people with trouble hearing.
a. Hearing aids b. A keyboard
c. A printer d. Screen enlargement (zoom) software
(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - العجی 2026) (الإسكندرية - برج العرب 2026)
- 7 The software helps people with poor vision.
a. keyboard b. mouse
c. screen magnification d. sporting tools
(القاهرة - عين شمس 2026) (المنوفية - شبين الكوم 2026) (أبناؤنا في الخارج 2025)

The Role of Technology in Our Lives

- 8 Alternative communication software helps people with disabilities. (البحيرة - إيتاي البارود 2023)
 a. speech b. movement c. seeing d. vision
- 9 enlarge(s) everything on the computer screen from words to images. (الإسكندرية - المنتزه 2025)
 a. Screen magnification b. Hearing aids
 c. Sporting tools d. Alternate communication
- 10 allow climbers with limb differences to climb mountains.
 a. Running blades b. Paracimbing tools
 c. Hearing aids d. Both a and b
- 11 help(s) people with speech and language disabilities communicate with others. (المنوفية - شبين الكوم 2025)
 a. Screen magnification software b. Hearing aids
 c. Alternative communication software d. None of them
- 12 The screen magnification software enables
 a. showing information b. hearing information
 c. printing information d. all of them (القاهرة - عين شمس 2024) (الإسكندرية - المنتزه أول 2024) (الدقهلية - طلخا 2023)

2 Put (✓) or (X):

- 1  Assistive technology allows people of determination to do their tasks. ()
 (الأسماعيلية 2026) (سوهاج 2026) (القليوبية 2026) (الإسكندرية - برج العرب 2026) (العاشر من رمضان 2026)
- 2 Assistive technology enables people of determination to explore places around the world. ()
 (المنوفية - شبين الكوم 2026) (البحيرة - دمنهور 2025)
- 3 Some programs can change text to speech and vice versa. ()
- 4 The magnification software is an assistive technology. ()
 (الجيزة - حدائق أكتوبر 2024) (سوهاج 2023)
- 5 Modern hearing aids can be connected to mobile devices. ()
- 6  The screen enlargement (magnification) software allows people with trouble hearing to interact with the computer. ()
 (الإسكندرية - المنتزه أول 2026) (السويس 2024)

- 7 The alternative communication software helps people with poor vision. (الإسكندرية - العجوي 2025) ()
- 8 The screen magnification software helps people with visual difficulties. (الإسكندرية-المنتهز ثان 2025) ()
- 9 Assistive technology enables people of determination to do their work. (سوهاج 2025) ()
- 10  Hearing aids help people with poor vision (visually impaired). (الأسماعيلية 2026) (القاهرة-شرق مدينة نصر 2026) (الجيزة-6 أكتوبر 2026) (الإسكندرية - وسط 2026) ()
- 11 Hearing aids are devices that help people who have speech problems. (الإسكندرية-العجوي 2025) ()
- 12 Alternative communication software helps people with disabilities communicate verbally and linguistically. (الإسكندرية-الجمرك 2026) (البحيرة-دمهور 2026) ()
- 13 Screen magnification software enlarges everything and helps people have trouble hearing. (الدقهلية-ميت غمر 2026) ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
People of determination	Can use
1 People with hearing disabilities	a. Screen magnification software
2 A visually impaired person	b. Paracimbing tools
3 A person with language disability	c. Alternative communication software
4 A person with a limb difference	d. Medical hearing aids

1 2 3 4

Play with PONY

Word Search

- ① technology helps people of determination.



- ② help people who have trouble hearing.



- ③ communication software helps people with speech and language difficulties.



- ④ tools help people with limb differences to climb.



- ⑤ Screen software helps the visually impaired to interact with computers.



p	a	r	a	c	l	i	m	b	i	n	g	g	h
e	u	w	s	f	a	l	t	e	r	n	a	t	e
n	n	y	s	g	a	j	f	w	v	r	t	o	a
l	n	u	i	o	r	t	y	b	k	a	q	v	r
a	i	q	s	w	i	v	z	o	g	i	j	k	i
r	n	r	t	t	n	x	c	f	o	l	w	z	n
g	g	j	i	g	g	u	y	t	q	l	b	r	g
e	b	y	v	b	a	w	z	j	k	e	v	x	a
m	l	z	e	k	i	q	r	y	f	u	t	o	i
e	d	u	t	r	d	k	z	x	g	y	j	q	d
n	e	c	j	f	s	o	t	b	q	n	k	z	s
t	s	k	x	g	u	y	f	j	r	q	t	v	b

Test Yourself

Lessons
3&4

1 Choose the correct answer:

- 1 You can use the computer to (الجيزة - بولاق الدكرور 2025)
a. play games b. make videos c. write notes d. all of them
- 2 You can use program to write documents.
a. PowerPoint b. Word c. Excel d. Paint
(الإسكندرية - العجى 2026) (الجيزة - العمرانية 2025)
- 3 is an example of an operating system.
a. MS Word b. CPU c. Windows d. Excel
(المنوفية - شبين الكوم 2026) (سوهاج 2026)
- 4  The central processing unit (CPU) process
a. a keyboard b. data c. a screen d. a mouse
(الإسكندرية - شرق 2026) (الإسكندرية - المنتزة أول 2026)
- 5 Windows and Microsoft Word are types of
a. software b. hardware c. both of them d. none of them
- 6 Modern hearing aids come with to adjust the volume.
a. gifts b. robots c. apps d. none of them
- 7 The is responsible for sending data to the processing stage to obtain the results. (أسوط 2024)
a. operating system b. CPU c. software d. screen

2 Put (✓) or (X):

- 1  People of determination use assistive technology in their daily lives. (الإسكندرية - شرق 2026) (الإسكندرية - شبين الكوم 2026)
- 2 Text-to-speech software converts spoken words into written text. ()
- 3 Data entry is the last stage of access the final information. ()
(الإسكندرية - المنتزة ثانٍ 2025)
- 4 Hearing aids help people with poor vision. (القليوبية 2026) (الإسماعيلية 2025)
- 5 The screen enlargement software helps deaf people. ()
- 6 Microsoft Word is a type of hardware. (القليوبية 2026)
- 7 The CPU is used to process information and convert it into data. ()
- 8 Modern hearing aids can be connected to smartphones. ()

Lesson

5

Common Technological Problems and Their Solutions

- » While using electronic devices, they may have a temporary **breakdown** or **failure** that prevents you from using them.
- » Here are some common **computer problems** you may face and their possible solutions.

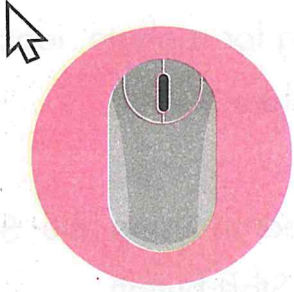
« أثناء استخدام الأجهزة الإلكترونية، قد يحدث لها عطل مؤقت أو خلل يمنعك من استخدامها.

« فيما يلي بعض مشاكل الكمبيوتر الشائعة التي قد تواجهها مع الحلول الممكنة لها.



Common ICT Problems and Solutions

Problem	Possible Solution (for a Windows PC)
1 An app won't open. التطبيق لا يفتح 	1 Restart your computer. ↓ If the problem is not solved, 2 check for a software update . ↓ If the problem is not solved, 3 uninstall and reinstall the app. ↓ If the problem is not solved, 4 ask your teacher or family for help.

Problem	Possible Solution (for a Windows PC)
② The mouse cursor isn't working. مؤشر الفأرة لا يعمل. 	① Make sure that you connected the mouse cable to the correct place in the motherboard. ② It is preferable to restart your PC. ↓ If the problem is not solved, ③ replace the mouse with a new one. ↓ If the problem is not solved, ④ ask your teacher or family for help.
③ The keyboard isn't typing.  لوحة المفاتيح لا تعمل.	① Make sure that you connected the keyboard cable to the correct place in the motherboard. ② Restart your PC. ↓ If the problem is not solved, ③ replace the keyboard with a new one. ↓ If the problem is not solved, ④ ask your teacher or family for help.
④ Your screen freezes. الشاشة تجمدت. 	① Press and hold the "Ctrl + Alt and Del" buttons together. ↓ If the problem is not solved, ② restart your computer. ↓ If the problem is not solved, ③ ask your teacher or family for help.

The Role of Technology in Our Lives

Unit 1

Problem	Possible Solution (for a Windows PC)
5 You can't find a file. لا يمكنك العثور على الملف. 	1 Check your Downloads folder. - If you're looking for a Microsoft Word file, look in your Documents folder. - If you're looking for a photo, look in your Pictures folder. Or 2 Try doing a search using the Search Box next to the Start button. ↓ If the problem is not solved, 3 ask your teacher or family for help.

أهم الكلمات والمصطلحات			
Common	شائعة	Restart your computer	أعد تشغيل جهاز الكمبيوتر
Possible solutions	الحلول المحتملة	Software update	تحديث البرمجيات
Writing	كتابة	Uninstall	إلغاء التثبيت
Reports	تقارير	Reinstall the app	إعادة تثبيت التطبيق
Temporary	مؤقت	Mouse cursor	مؤشر الفأرة
Breakdown or failure	عطل أو فشل	Replace the mouse	استبدل الفأرة
Prevent	يمنع	Motherboard	اللوحة الأم
Keyboard isn't typing	لوحة المفاتيح لا تكتب	Downloads folder	مجلد التنزيلات
Replace the keyboard	استبدل لوحة المفاتيح	Documents folder	مجلد المستندات
Your screen freezes	الشاشة تتجمد	Search box	صندوق البحث
An app won't open	تطبيق لا يفتح	Press and hold	اضغط واستمر في الضغط



Exercises

on Lesson 5

5

1 Choose the correct answer:

- 1 is a program used to create presentations.
a. MS Word b. MS Excel c. MS Paint d. MS PowerPoint
- 2 Most technological problems can be solved by
a. pressing the Del + Alt + Ctrl buttons b. checking the connection
c. restarting the device d. replacing the keyboard
- 3 One of the suggested solutions for the problem of not being able to write using a keyboard is
a. making sure the printer is connected
b. connecting headphone
c. changing the mouse
d. making sure the keyboard cable is connected (المنوفية - شبين الكوم 2025)
- 4 When an application won't open, you should
a. remove the mouse b. replace the keyboard
c. check the cables d. restart the computer
(القليوبية 2026) (القاهرة - بدر 2024)
- 5 You can use to write school reports and homework.
a. MS PowerPoint b. MS Word
c. MS Excel d. a browser
(القاهرة - عين شمس 2026) (الغربية - غرب المحلة 2026)
- 6 Press and hold the "Ctrl + Alt + Del" buttons when
a. you can't find a file b. the screen freezes
c. an app can't open d. none of them
(القليوبية 2026) (الشرقية - العاشر من رمضان 2026) (حدائق أكتوبر 2025) (الأزهر - منطقة القاهرة 2024)
- 7 If an app can't be opened, all the following are possible solutions, except
a. updating the app b. reinstalling the application
c. restarting the computer d. checking the Search Box

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- 8 You can look for a Microsoft Word file inside the folder.
a. Documents b. Pictures c. Games d. Music
(أبناؤنا في الخارج 2024)
- 9 If you can't find a picture, search in the folder. (الإسكندرية - المنتزه أول 2025)
a. Documents b. Pictures c. Videos d. Downloads
- 10  You can solve the problem when the screen stops displaying information (screen freezes) by pressing together.
a. Ctrl + Alt + Del b. Alt + Shift c. Alt + F8 d. F10 + Del
(القاهرة - عين شمس 2026) (المنوفية - شبين الكوم 2026) (الإسكندرية - شرق 2026) (كفر الشيخ 2024) (بني سويف 2023)
- 11 If you want to find a file in your PC, you should
a. restart the device b. press on Del + Alt + Tab
c. use the Search Box d. data theft (الإسكندرية - المنتزه ثانٍ 2025)
- 12 One of the possible solutions to fix the problem of an application that doesn't open is (الإسكندرية - العجى 2026) (أبناؤنا في الخارج 2025)
a. updating the application b. using the Search Box
c. replacing the keyboard d. replacing the mouse
- 13 If you downloaded a file from the Internet to your PC, you can find it in the folder. (القاهرة - عين شمس 2026)
a. Downloads b. Pictures c. Documents d. Music
- 14 It is preferable to after repairing or reinstalling the mouse to the device.
a. connect the power charger to the device
b. check electrical connections
c. restart the device d. data theft (الإسكندرية - المنتزه ثانٍ 2025)
- 15 When you are unable to solve a problem on your computer, you must
a. delete some files
b. leave your computer for a while
c. ask your teacher or a family member for help
d. none of them

16 The program is used to write texts, format them, and insert images.

- a. Google Chrome b. Word program
c. Windows d. none of them

(القاهرة - شرق مدينة نصر 2026) (الجيزة - 16 أكتوبر 2026) (الإسكندرية - الجمرک 2026) (البحيرة - دمنهور 2026)

17 Which of the following program consider the best to express data in chart

- a. Power point b. Paint c. Word d. Excel

(القاهرة - شرق مدينة نصر 2026) (الاسكندرية - المنتزة أول 2026)

18 Uninstall and reinstall the app when the

- a. app doesn't open b. mouse doesn't work
c. screen freezes d. all of them

(الأسماعيلية 2026)

2 Put (✓) or (X):

1  Updating programs is one suggested solution when an application cannot open. ()

2 If you can't find a file, you should restart your computer. ()

(القاهرة - عين شمس 2026) (الإسكندرية - إدارة العجمي 2024) (الإسكندرية - إدارة شرق 2024)

3 If the screen freezes, press and hold "Ctrl, Alt, and Home". ()

(القاهرة - عين شمس 2026) (الإسكندرية - إدارة وسط 2025)

4 Using the Search Box helps you find any file on your PC. ()

(القليوبية 2026) (حدائق أكتوبر 2025)

5 If an app on your laptop doesn't open, try reinstalling it. ()

6 You can ask your teacher to help solve the problems that faces you through the internet. ()

(الإسكندرية - إدارة شرق 2026) (سوهاج 2026) (القاهرة - عين شمس 2026)

7 If you are looking for a Word file, look in the Documents folder. ()

(القاهرة - بدر 2024)

8  To solve the problem of a mouse not working, a new mouse should be bought. ()

(الغردقة 2025) (المنوفية - شين الكوم 2025)

9 If the app still won't open, restart your computer and try again. ()

(القاهرة - عين شمس 2026) (كفر الشيخ 2023)

10  To solve the problem of the screen not displaying information, press Ctrl + Alt + Del together for a short time. ()

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- 11 Restarting the device helps to solve most problems. ()
(القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025)
- 12 PowerPoint is used to make presentations. ()
(الأسماعيلية 2026) (الدقهلية - ميت غمر 2026)
- 13 To solve the problem of a malfunctioning mouse, a new keyboard is purchased. ()
(القاهرة - شرق مدينة نصر 2026) (المنوفية - شبين الكوم 2026) (الجيزة - 6 أكتوبر 2026) (الإسكندرية - المنتزه أول 2026)
- 14 Software Update is one of the suggested solutions to solve the problem of an app not open. ()
(الإسكندرية - وسط 2026)
- 15 When the key board not typing we can restarting the computer. ()
(الإسكندرية - العجى 2026)
- 16 Excel is a Microsoft program that creates presentations. ()
(القليوبية 2026)

3 Complete the following sentences using the words between the brackets:

(find a file – screen freezes – app won't open – pointer doesn't work)

- 1 Press and hold the "Ctrl + Alt and Del" buttons when the
- 2 Uninstall and reinstall the app when the
- 3 Do a search using the Search Box next to the Start button to
- 4 Check the mouse connection to the motherboard when the

Play with PONY



Rearrange the steps of each problem to solve it:

1 The mouse cursor isn't working.



Ask your teacher or family for help.



Make sure that you connected the mouse cable in the correct place.



Replace the mouse.



Restart the PC.

2 The keyboard isn't typing.



Replace the keyboard.



Ask your teacher or family for help.



Make sure that you connected the keyboard cable in the correct place.



Restart the PC.

3 You can't find a file.



Use the Search Box.



Check your Downloads folder.



Ask your teacher or family for help.

4 An app won't open.



Uninstall and reinstall the app.



Check for software updates.



Ask your teacher or family for help.



Restart your computer.

5 The screen freezes.



Press Ctrl + Alt + Del.



Ask your teacher or family for help.



Restart your computer.

October Exam

on Lessons (1-5)

1 Choose the correct answer:

- 1 Input devices for computers include the (الإسكندرية - الجمرک 2024)
a. monitor b. printer c. keyboard d. speaker
- 2 is a 3D ground scanner used to detect metals.
a. A magnetometer b. GPS c. Rover C4 d. GPR
- 3 is a device that allows non-native speakers to speak.
a. A speech synthesizer b. A keyboard
c. A speaker d. Braille (الجيزة - العمرانية 2025)
- 4 Information is considered the processing product of
a. data b. digital blogs
c. emails d. a scanner (الجيزة - العمرانية 2024)
- 5 Press "Alt + Ctrl + Del" buttons when
a. an app won't open b. the screen freezes
c. you can't find a file d. searching (القليوبية 2026) (الإسكندرية - العجی 2025)
- 6 The allows output of audio. (الجيزة - أوسیم 2024)
a. keyboard b. speaker c. screen d. mouse
- 7 We use the to find a file or folder on the computer.
a. Search Box b. scanner c. Ctrl + Alt + Del d. printer (الأسماعلية 2026) (الغربية 2024)

2 Put (✓) or (X):

- 1 An operating system is necessary to deal with a computer. (الغربية - طنطا 2024) ()
- 2 GPS is used to find places you might need to visit. (القليوبية 2024) ()
- 3 A computer can only be used for playing games. ()
- 4 The CPU is a type of hardware. (القاهرة - عين شمس 2024) ()
- 5 Restarting the device helps in solving most of the problems. ()
(القاهرة - عين شمس 2026)
- 6 Screen magnification software can enlarge everything on a computer screen. (القليوبية 2026) ()
- 7 A magnetometer is used to detect magnetic fields above the ground. ()
- 8 A microphone, camera, and mouse are output devices. (بنردمنهور 2024) ()

Sources of Data Collection and Analysis

» Scientists can solve problems by **collecting**, **analyzing**, and **graphing** data.

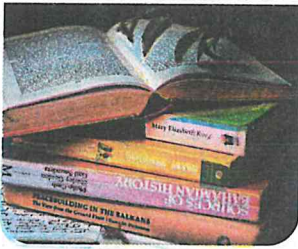
» يقوم العلماء بحل المشكلات عن طريق: جمع البيانات، وتحليلها، وتمثيلها بيانيًا.

1 جمع البيانات Collecting Data

You can collect data from a variety of sources, such as:

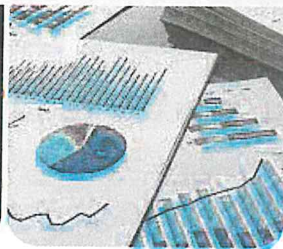
1

Books
(digital or print)



2

Records



3

Surveys



4

Experiments

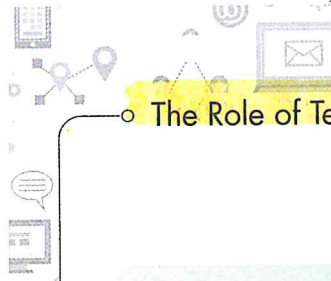


» يمكنك جمع البيانات من المصادر المتنوعة مثل:

- كتب (رقمية أو مطبوعة).
- السجلات.
- استطلاعات الرأي.
- التجارب.

» Always make sure that the data you are collecting is from **trusted** sources.

» تأكد دائمًا من أن المعلومات التي تجمعها تكون من مصادر موثوقة.

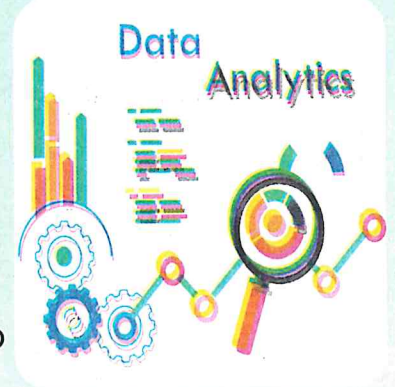


The Role of Technology in Our Lives

Unit 1

2 Analyzing Data تحليل البيانات

- » After collecting data, the next step is analyzing it.
- » Analyzing the data means:
 - 1 Review your findings (collected data).
 - 1 Interpret what those findings mean.
- » The best way to interpret a lot of data is to look for trends (recurring patterns).



» بعد جمع البيانات، تكون الخطوة التالية هي تحليل البيانات.

» معنى تحليل البيانات هو:

1 مراجعة النتائج (البيانات المجمعة). 2 تفسير ما تعنيه هذه النتائج.

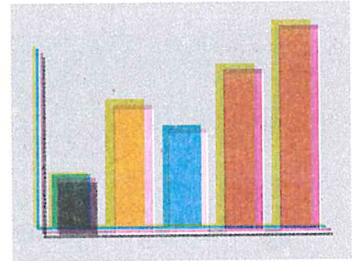
» أفضل طريقة لتفسير كمية كبيرة من البيانات هي البحث عن الاتجاهات (الأنماط المتكررة).

3 Graphing Data رسم البيانات

After analyzing the collected data, you are ready to create a graph.

Example :

- » Suppose you want to compare the population of two cities.
- » You can use a bar chart (graph) to show the difference easily.



مثال: إذا أردت مقارنة عدد السكان في مدينتين، يمكنك استخدام الرسم البياني بالأعمدة (Bar chart) لإظهار الفرق بسهولة.

NOTE:

» Excel is used to:

- 1 Analyze data.
- 2 Graph data.
- 3 Create tables and graphs.
- 4 Helps you understand and present your collected data clearly and concisely.

« يستخدم Excel من أجل:

- 1 تحليل البيانات.
- 2 رسم البيانات بيانياً.
- 3 إنشاء الجداول والرسوم البيانية.
- 4 يساعدك على فهم البيانات التي قمت بتجميعها و عرضها بطريقة واضحة وموجزة.

أهم الكلمات والمصطلحات

Collecting data	جمع البيانات	Archaeologists	علماء الآثار
Scientists	العلماء	Analyze the data	تحليل البيانات
Solve problems	حل المشاكل	Review your findings	مراجعة النتائج
Variety of sources	مجموعة متنوعة من المصادر	Interpret	تفسير
Records	السجلات	Trends	الاتجاهات
Reports	التقارير	Recurring patterns	الأنماط المتكررة
Surveys	الاستطلاعات	Graphing Data	رسم البيانات
Experiments	التجارب	Create a graph	إنشاء رسم بياني
Trusted sources	مصادر موثوقة	Bar (column) graph	الرسم البياني العمودي
Population	عدد السكان	Compare	مقارنة



Exercises

on Lesson

6

1 Choose the correct answer:

- 1 The first step of solving any problem is the data.
a. graphing b. collecting c. analyzing d. reviewing
(الجيزة - 6 أكتوبر 2026) (حدائق أكتوبر 2025) (المنوفية - شبين الكوم 2025)
- 2 You can collect data from a variety of sources, such as
a. social media b. records c. blogs d. none of them
(القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025)
- 3 Inside a science lab, we do a lot of to collect data.
a. surveys b. interviews c. experiments d. graphing
- 4 Before you show your results on charts, you should
a. share them online with others b. analyze them
c. remove them d. delete them
(الإسكندرية - المنتزه ثانٍ 2025) (القاهرة - عين شمس 2024) (كفر الشيخ - بلطيم 2024) (أسيوط 2023)
- 5 When collecting data, be sure to use sources.
a. unreliable b. reliable c. fake d. unknown
(الغربية - غرب المحلة 2026) (الإسكندرية - المنتزه أول 2025)
- 6  are trusted sources that you can collect information from.
a. Surveys, interviews, and experiments
b. Social media websites
c. Entertainment videos
d. News interviews
(الإسكندرية - الجمرک 2026)
- 7 The best way to collect information is getting it from
a. Facebook b. books c. WhatsApp d. trends
- 8 The best way to interpret a lot of data is to look for
a. records b. surveys c. trends d. interviews
- 9 You can collect data from
a. surveys b. cameras c. screens d. printers
(الإسكندرية - إدارة شرق 2023)

- 2 Put (✓) or (x):

- ICT Prim. 4 – First Term 49

The Role of Technology in Our Lives

- 6 Sources of data collection include records and reports. ()
(الإسكندرية - الجمرک 2024)
- 7 The best way to interpret a lot of data is to look for recurring patterns. ()
- 8 There are two types of books: printed and digital. ()
(القاهرة - عين شمس 2026) (القليوبية 2025)
- 9 Word is the program that is used to graph data on computers. ()
(الجيزة - إدارة جنوب 2023)
- 10  You must make sure that the collected information about a phenomenon or a problem is trusted. ()
(الجيزة - 6 أكتوبر 2026) (الإسكندرية - شرق 2026) (الغردقة 2025)
- 11 Graphs are a good way to display and compare results. ()
(القاهرة - عين شمس 2026) (الدقهلية - طلخا 2023)
- 12 After collecting data, we can analyze it. ()
(الإسكندرية - العجی 2026)
- 13 Surveys and experiments are the most common sources of data collection. ()
(الإسكندرية - برج العرب 2026)
- 14 Collecting data is the first step to solve problems. ()
(الإسماعلية 2026)
- 15 Collecting data is the last step to solve problems. ()
(الإسماعلية 2026)
- 16 We can't collect data from books. ()
(الإسماعلية 2026)
- 17 We can make a graph using Excel program. ()
(الجيزة - 6 أكتوبر 2026)
- 18 Entertainment videos and press interviews are credible or reliable sources for collecting data. ()
(الإسكندرية - المنتزة أول 2026) (المنوفية - شبن الكوم 2026)
- 19 Magazines, books, and articles are reliable sources for collecting data. ()
(الإسكندرية - الجمرک 2026)

3 Complete the following sentences using the words between the brackets:

(bar - Excel - trends - Analyzing - data collection)

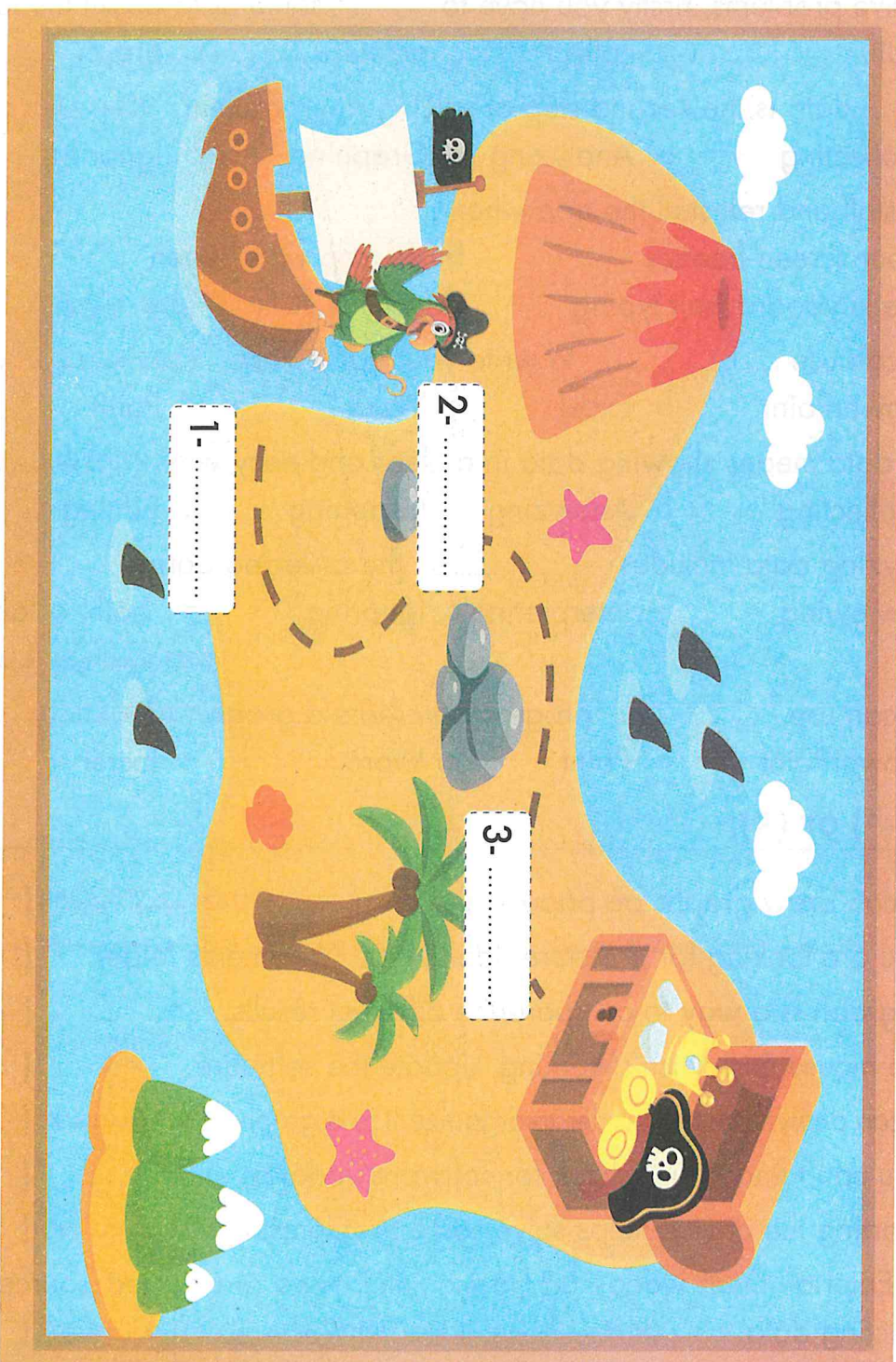
- 1 is one of the programs used for representing data graphically. (الجيزة - 6 أكتوبر 2026) (الإسكندرية - المنتزة أول 2026) (الإسكندرية - برج العرب 2026)
- 2 During, you must ensure that the data is trusted.
- 3 data is very important before drawing a chart.
- 4 The best way to interpret a lot of data is to look for
- 5 You can use graphs to compare the populations of two cities.

Play with PONY



Help the parrot reach the treasure by arranging the problem solving steps.

(Graphing – Analyzing – Collecting)



Test Yourself

Lessons
5&6

1 Choose the correct answer:

- 1 To solve problems, firstly you have to some data about the topic.
a. edit b. collect c. delete d. graph
- 2 data is the second step of solving any problem. (أبناؤنا في الخارج 2024)
a. Collecting b. Analyzing c. Graphing d. Ignoring
- 3 Uninstall and reinstall the app when
a. your screen freezes b. an app won't open
c. the keyboard isn't typing d. none of them (الإسكندرية - المنتزه أول 2025)
- 4 You can use to write your homework. (الغربية - غرب المحلة 2026)
a. PowerPoint b. Excel c. Word d. Paint
- 5 data means showing data in a clear and easy way. (الغربية - طنطا 2025)
a. Collecting b. Analyzing c. Graphing d. Editing
- 6 Analyzing data includes the collected data.
a. reviewing b. interpreting c. ignoring d. both a and b
(الإسكندرية - إدارة العجسي 2025)
- 7 You can use program to create a graph. (الغربية - غرب المحلة 2026)
a. PowerPoint b. Paint c. Word d. Excel

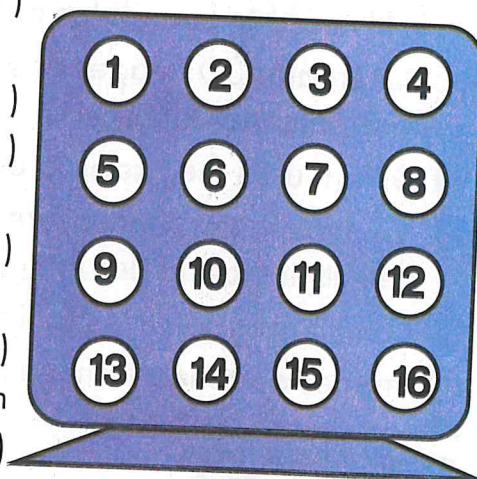
2 Put (✓) or (X):

- 1 We can draw graphs on paper only. (الجيزة - أوسيم 2024) ()
- 2 If you are looking for a picture, look in the Documents folder. ()
- 3 The graph is a way to compare the different results. ()
- 4 If the mouse cursor isn't working, update the software. ()
- 5 We can analyze data in order to organize it in a graph. (الإسماعيلية 2025) ()
- 6 If you can't find a file, check for software updates. ()
- 7 Restarting the device helps solve some problems. (الإسماعيلية 2023) ()
- 8  Entertainment videos and news interviews are trusted sources for collecting data. (الإسكندرية - المنتزه أول 2025-2026) (المنوفية - شبين الكوم 2026) ()

Play with PONY

CONNECT 4

- 1 Windows is used to process data. ()
- 2 A magnetometer is used to discover metals underground. ()
- 3 The common graph is pie graph. ()
- 4 Modern hearing aids can be connected to mobile devices. ()
- 5 GPS is used to locate things underground. ()
- 6 A prosthetic leg can assist those who suffer from poor vision. ()
- 7 Braille terminal converts text to speech. ()
- 8 Microsoft Word is used to create tables and graphs. ()
- 9 Collecting data is the last step in problem solving. ()
- 10 Restart your computer after checking the keyboard connection. ()
- 11 Microsoft Word is a type of hardware. ()
- 12 Computers can store, restore, and process information. ()
- 13 Prosthetic legs help people of limb differences. ()
- 14 Restarting the device solves some problems. ()
- 15 Assistive technology helps people of disabilities. ()
- 16 If you can't find a file, use the Search Box. ()



- 1 Color (true) with yellow.
 - 2 Color (false) with red.
- 👉 You win when you connect 4 with yellow.

Summary

Unit

1

The Role of Technology in Our Lives

Lesson 1

» Important Exploration Tools:

1 Rover C4:

- It's a developed metal detector and 3D ground scanner.
- It's used to search for metals and treasures underground.
- It creates 3D images of scanned areas to identify the location and depth of potential targets.

2 GPR: It uses the radar to detect objects buried underground.

3 Magnetometer: It measures the magnetic field and detects metals under the ground.

4 GPS: It uses satellites to find locations.

5 Images obtained from satellites and drones.



Lesson 2

» **Computers:** They're electronic devices that store, process, and restore data.

» **Computers are important to** write documents, create presentations, create videos, browse the Internet, and play games.

» **Computers devices come in different sizes and shapes:**

Input Devices		Output Devices	
1 Keyboard	• To <u>type</u> letters and numbers.	1 Screen	• <u>Shows</u> what you are doing on the computer.
2 Mouse	• To <u>select</u> and <u>move</u> things easily.	2 Speaker	• To <u>output sound</u> .
3 Camera	• To <u>input images</u> or <u>videos into</u> the computer.	3 Printer	• To <u>output texts</u> or <u>images from</u> your computer <u>on</u> paper.

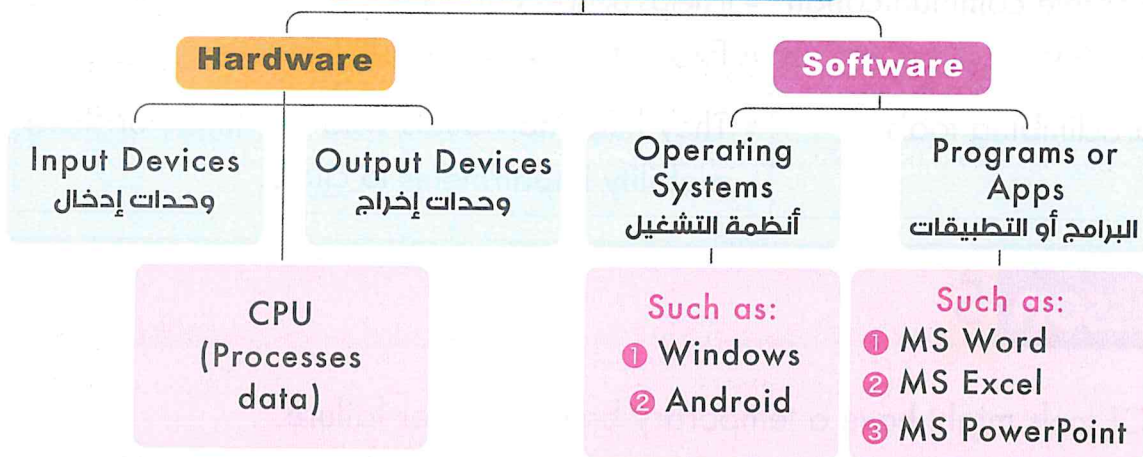
4 Microphone	• To input sound, audio, and music into the computer.	4 Braille terminal	• It allows blind people to use computers.
5 Touch Screen	• It allows the user to move things on the computer.	5 Speech synthesizer	• It allows non-verbal people to speak. (How?) • It changes text to speech .

NOTES:

- A **touch screen** can be used as an **input device** and an **output device**.
- The most important element of the computer system is **you, the user**.

Lesson 3

Computer Components



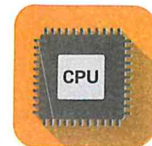
» Types of software:

1 Operation system:

- (Like Windows) It opens and runs the program you want to use.

2 Programs: (Like MS Word) It's used to write a school report.

» The CPU: It is a type of hardware used to process data.





- It is important to save your work regularly.

Lesson 4

» **Assistive Technology:** It helps people of determination (disabilities) with tasks that they find difficult to do.

Assistive Technology	Function
• Screen magnification software	• It helps people with visual impairments. • It enlarges everything on the computer screen.
• Hearing Aids	• They help people with hearing difficulties. • Modern versions come with apps that are connected to mobiles.
• Alternate communication software	• It helps people with speech or language difficulties. • Example: text-to-speech software
• Paraclimbing tools	• They help individuals who lost limbs or have mobility impairments to <u>climb</u>.

Lesson 5

» ICT tools might have a temporary breakdown or failure.

- 1 If an app doesn't open: Restart → Check for updates → Uninstall & reinstall the app.
- 2 If the mouse/keyboard doesn't work: Make sure it is connected correctly, then restart → Replace the mouse/keyboard with a new one.
- 3 If your screen freezes: Press "Alt + Ctrl + Del" → Restart.
- 4 If you can't find a file: Use the Search Box in the Start menu.



- 1 Restarting a device can often solve many common ICT problems.
- 2 If you have tried but can't solve the problem, the last step is to ask your teacher or family for help.

Lesson 6

» Scientists and archaeologists can solve problems by collecting, analyzing, and graphing data.

» Sources of collecting data:

- 1 Books "digital or printed"
- 2 Surveys
- 3 Experiments "at labs"
- 4 Records

» Analyzing data:

- It includes reviewing and interpreting the collected data.
- The best way to **interpret** a lot of data is to look for **trends** (recurring patterns) in the information.
- **Microsoft Excel** is one of the best programs to **analyze** data.

» Graphing data:

- A common graph is a **bar** (column) graph.

Revision

on Unit

1

The Role of Technology
in Our Lives

Model Exam

1

1 Choose the correct answer:

- 1 The is a tool used to find the location of something using satellites.
a. magnetometer b. GPS c. radar d. drone
(الإسكندرية - الجمرک 2024)
- 2 is a device that allows blind people to use the computer.
a. Braille terminal b. A mouse c. A keyboard d. A printer
(الغردقة 2025)
- 3 The helps people with vision difficulties. (الغربية - طنطا 2024)
a. headphone b. screen magnification software
c. camera d. synthesizer
- 4 Information is considered the processing product of
(الإسكندرية - إدارة شرق 2024)
a. data b. digital blogs c. email d. data theft
- 5 is a 3D ground scanner used to detect metals.
a. A magnetometer b. GPS c. Rover C4 d. GPR

2 Put (✓) or (X):

- 1 We can use a magnetometer to find the location of something using satellites. (الجيزة - أوسيم 2024) ()
- 2 Input devices in the computer work on processing data. (الإسكندرية - المنزه ثانٍ 2025) ()
- 3 We can analyze data in order to organize it in a graph. (الإسكندرية - المنزه أول 2025) ()
- 4 The central processing unit is a type of software. (قنا 2025) ()
- 5 To solve the problem of the mouse not working, a new keyboard is bought. (بورسعيد 2025) ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A keyboard	a. acts as both an input and output device.
2 MS Word	b. is used to write documents and reports.
3 Hearing aids	c. is an input device
4 A touch screen	d. help people of hearing disabilities.
5 A printer	e. outputs text and images on paper.

1 2 3 4 5

Model Exam

2

1 Choose the correct answer:

- The operating system sends data to the
 a. central processing unit (CPU) b. screen
 c. word d. keyboard (الإسكندرية - وسط 2025)
- software can turn text to speech and speech to text.
 a. Screen magnification b. Sporting tools
 c. Alternate communication d. Hearing aids (الإسكندرية - المنتزه أول 2025)
- A keyboard and mouse are examples of devices.
 a. hardware b. input devices
 c. output devices d. both a and b
- You can solve the problem when the screen stops displaying information by pressing
 a. Alt + Ctrl + Del b. Alt + Shift
 c. Alt + FB d. F10 + Del (الإسكندرية - شرق 2025)
- A technology that helps people of determination to carry out their tasks is called
 a. assistive technology b. a magnetometer
 c. an operating system d. software (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (X):

- 1 A common graph is a bar graph. (الإسكندرية - شرق 2025) ()
- 2 GPS is used to find places you might need to visit. (الإسكندرية - المنتزه ثانٍ 2025) (الجيزة - العمرانية 2025) ()
- 3 Android is one of the most famous operating systems. (المنيا 2024) ()
- 4 A Ground Penetrating Radar is used to find objects above the ground. (الجيزة - العمرانية 2024) ()
- 5 If the keyboard doesn't work, use the Search Box. (الإسكندرية - المنتزه أول 2025) ()

3 Complete the following sentences using the words between the brackets:

(Excel - mouse - Alternate - Analyzing data - data collection)

- 1 During, ensure that the data is accurate.
- 2 means reviewing the data and interpreting their meaning.
- 3 You can move things easily using the (الجيزة - أوسيم 2024)
- 4 You can draw a graph on a computer using (الإسكندرية - وسط 2025)
- 5 communication software may convert text to speech and vice versa.

Model Exam

3

1 Choose the correct answer:

- 1 Microsoft Word is a type of computer (القاهرة - عين شمس 2024)
 a. scanner b. camera c. hardware d. software
- 2 The is a device that allows non-speakers to speak.
 a. printer b. scanner c. speech synthesizer d. braille

(الجيزة - العمرانية 2025)

- 3 is a device that relies on satellites to detect the locations of things.
 a. Measuring the magnetic field b. GPR
 c. GPS d. Satellite (الإسكندرية - المنتزه أول 2025)
- 4 When there's a problem opening one of the apps on your computer, you might need to
 a. restart the device b. replace the mouse
 c. replace the keyboard d. data theft (الإسكندرية - المنتزه ثانٍ 2025)
- 5 You can use program to compare the grades of students in ICT and create bar charts.
 a. MS Word b. MS Excel c. MS Paint d. none of them

2 Put (✓) or (X):

- 1 We can use the computer to store information and write documents. (البحيرة - إيتاي البارود 2024) ()
- 2 The GPR device is used to find objects under the surface of the Earth. (الإسكندرية - المنتزه أول 2025) ()
- 3 Hearing aids help people with poor vision. ()
- 4 Software refers to the physical parts of the computer. ()
- 5 You can use MS PowerPoint to write school reports and homework. (الغربية - طنطا 2025) ()

3 Complete the following sentences using the words between the brackets:

(GPS – Assistive technology – printer – Rover C4 – Braille)

- 1 is used to search for treasures and metals buried under the ground.
- 2 Tourists depend on to determine the locations. (الجيزة - حدائق أكتوبر 2024)
- 3 terminal allows blind people to use the computer. (سوهاج 2025)
- 4 A is considered one of the output units. (كفر الشيخ - بلطيم 2024)
- 5 is a technology that helps people of determination.

Model Exam

4

1 Choose the correct answer:

- 1 The first stage to deal with data is to

a. collect data	b. show data
c. analyze data	d. save data (المنوفية - شبين الكوم 2025)
- 2 is a device used to detect metal coins buried underground.

a. A satellite	b. Global Positioning System (GPS)
c. A drone	d. A magnetometer (الغردقة 2025)
- 3 To input to computers, we use the keyboard.

a. videos	b. letters and numbers
c. image	d. sound (الإسكندرية-وسط 2025)
- 4 The speakers allow

a. inputting audio data	b. outputting audio data
c. printing papers	d. writing data (الجيزة - العمرانية 2025)
- 5 The is necessary to deal with the computer.

a. operating system	b. keyboard
c. screen	d. Speaker (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (x):

- 1 Restarting the device helps to solve some problems. (الأزهر الشريف 2023)
- 2 Archaeologists use the Ground Penetrating Radar to find objects above the ground. (الجيزة - كرداسة 2024)
- 3 Surveys are one of the most common sources of data collection. (الإسكندرية - المنتزه أول 2025)
- 4 The keyboard, mouse, touch screen, and camera are devices for inputting data to the computer. (الأزهر الشريف 2024)
- 5 The operating system is necessary to run the computer. (الإسكندرية - المنتزه أول 2025)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Windows	a. allows non-verbal people to speak.
2 Modern hearing aids	b. outputs texts or images from your computer on a paper.
3 The speech synthesizer	c. can be connected to smartphones.
4 The printer	d. is the most famous operating system for computers.
5 CPU	e. is a type of hardware used to process data.

1 2 3 4 5

Model Exam 5

1 Choose the correct answer:

- The is responsible for processing data.
 - CPU
 - printer
 - screen
 - keyboard (الإسكندرية - المنتزه ثانٍ 2025)
- The best way to interpret a lot of data is to look for
 - records
 - surveys
 - trends
 - interviews
- help people who suffer from hearing problems.
 - Magnifications
 - Sporting tools
 - Speakers
 - Hearing aids (الإسكندرية - العجوي 2024)

REVISION on Unit 1

4 You can draw graphs on a computer using

- a. PowerPoint b. Word c. Excel d. Paint

(الإسكندرية - المنتزه أول 2025)

5 The is a device that is responsible for entering the data into the computer.

(الإسكندرية - المنتزه ثانٍ 2025)

- a. keyboard b. CPU
c. printer d. data theft

2 Put (✓) or (X):

1 Collecting data is the first step to solve problems. (الإسماعيلية 2025) ()

2 Data entry is the last stage of accessing final information.

(الإسكندرية - المنتزه ثانٍ 2025) ()

3 The screen is an output device.

(الجيزة - بولاق الدكرور 2024) ()

4 The screen magnification software helps people who are hearing impaired.

(قنا 2025) ()

5 The most important element of the computer system is the user. ()

3 Complete the following sentences using the words between the brackets:

(data - Assistive technology - surveys - Hearing aids - magnetometer)

1 helps people of determination.

2 A is a device that is used in detecting metals underground.

(الأزهر - منطقة القاهرة 2024)

3 help people who have trouble hearing.

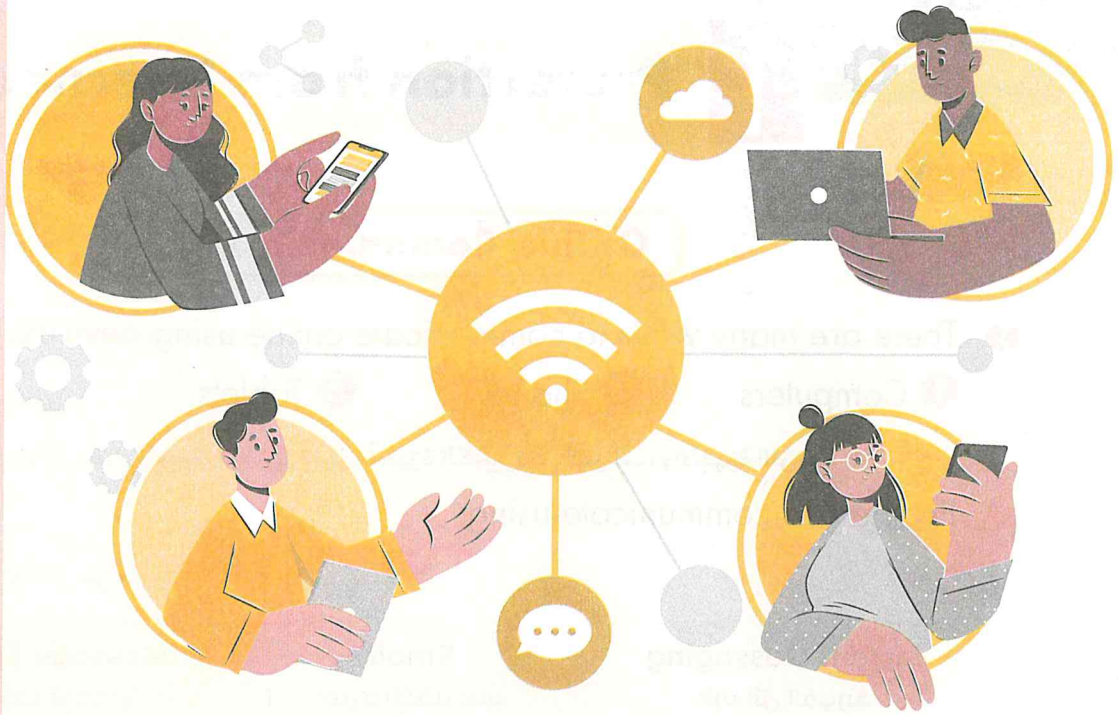
(الإسكندرية - وسط 2025)

4 There are many sources of collecting data, such as

5 The central processing unit CPU processes (سوهاج 2025)

Unit 2

Digital Safety and Security Precautions



Unit Lessons:

Lesson 1 Protection from Internet Risks

Lesson 2 Proper and Ethical Use of Information Technology

Lesson 3 Internet Search Processes

Lesson 4 Authorities Responsible for Solving Internet Problems

Lesson 5 Digital Security

Lesson 6 Practical Project

Lesson

1

Protection from Internet Risks

Online Communication

» There are many ways to communicate online using **devices**, such as:

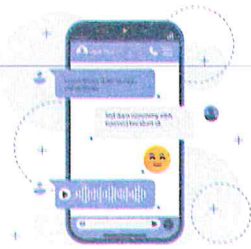
- 1 Computers
- 2 Phones
- 3 Tablets

» يوجد طرق عديدة للتواصل باستخدام أجهزة مثل: أجهزة الكمبيوتر، والهواتف، والأجهزة اللوحية.

» People can communicate using:

» يمكن للناس التواصل عن طريق:

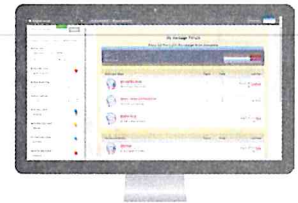
Instant Messaging
الرسائل الفورية



Email
البريد الإلكتروني



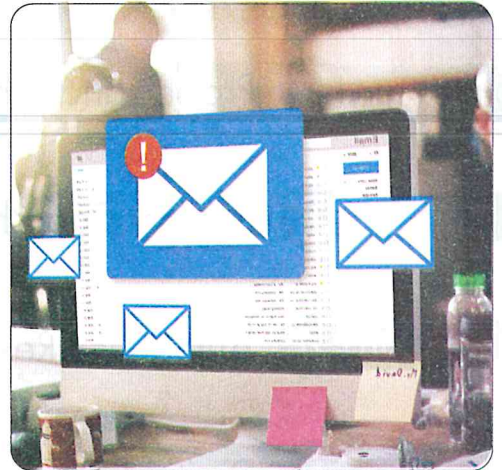
Message Forums
منتديات الرسائل



» Be careful, some people communicate online to be **unkind** or to **steal** your personal information.

» **Personal information** includes:

- 1 Your name.
- 2 Your address.
- 3 Your school name.

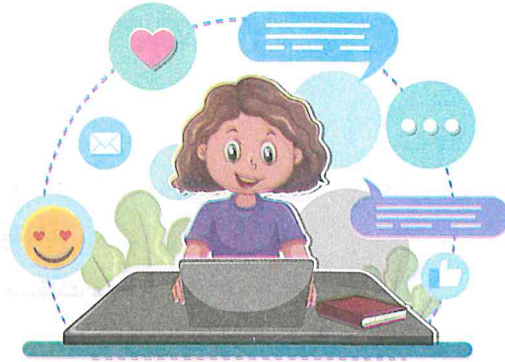


» كن حذرًا من أن بعض الأشخاص يتواصلون عبر الإنترنت لأغراض سيئة، أو لسرقة معلوماتك الشخصية.

» تتضمن المعلومات الشخصية: اسمك، ورقم هاتفك، وتاريخ ميلادك، وعنوانك، واسم مدرستك، ... إلخ.

1 Behaving Online التصرف عبر الإنترنت

- 1 Always be **kind** to others.
- 2 Protect your data by:
 - » Blocking the person who behaves badly.
 - » Ignoring spam messages.
- 3 Don't share **personal data** online without asking your teacher or a family member.



Lesson 1

- 1 كن دائماً لطيفاً مع الآخرين.
- 2 يجب عليك حماية بياناتك من خلال حجب الشخص block كما يجب تجاهل الرسائل المزعجة spam والتي تمثل خطورة عليك.
- 3 لا تشارك أي بيانات شخصية إلا بعد أن تسأل معلمك أو أحد أفراد عائلتك أولاً.

Spam:

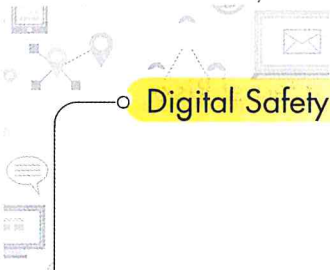
They are the unwanted messages received from an unknown email address and contain advertisements.

هي رسائل غير مرغوب فيها من بريد الكتروني غير معروف وتحتوي علي اعلانات

2 Staying Safe Online ابق آمناً على الإنترنت

- » Be careful when clicking on **links**.
- » Don't click on links that you are unsure of.
- » If you enter **unsafe** or **inappropriate** site:
 - 1 Don't panic.
 - 2 Leave the site.
 - 3 Tell your teacher or a family member who can help you feel safe.
- » Check your **privacy settings** on social media sites. Make sure that only your friends and family can view your information.





Unit 2

Digital Safety and Security Precautions

- « كن حذرًا عند النقر على أي رابط إلكتروني.
- « ولا تنقر على روابط لست متأكدًا منها.
- « إذا دخلت عن طريق الخطأ مشاهدًا غير آمن أو موقعًا إلكترونيًا غير مناسب:
 - 1 فلا داعي للذعر.
 - 2 اترك الموقع.
 - 3 أخبر معلمك، أو أحد أفراد أسرته الذي يمكنه مساعدتك.
- « تحقق من إعدادات الخصوصية الخاصة بك على مواقع التواصل الاجتماعي.
- « احرص على أن تكون المعلومات الخاصة بك متاحة لأفراد أسرته وأصدقائك فقط.

المشاركة عبر الإنترنت Sharing Online

- » Always **think before you post** something, especially a photo or a video.
- » Is it appropriate? Could this embarrass or hurt me or others?



- « فكّر دائمًا قبل نشر أي شيء، خاصة الصور ومقاطع الفيديو.
- « هل هذا مناسب؟ هل ممكن أن يسبب لك أو للآخرين إحراجًا أو ضررًا؟

تحميل الملفات Downloading Files

- » Think carefully before downloading files.
- » Some files have **viruses**.
- » **Viruses** can:
 - 1 **Damage** your computer.
 - 2 Be used to **track** your information.
- » Check the website before you download a file. Is it a **trusted** site? If you are not sure, you shouldn't download files from it.



- « فكّر جيدًا قبل تنزيل الملفات؛ لأن بعض الملفات بها فيروسات، يمكن للفيروسات إتلاف جهاز الكمبيوتر الخاص بك، أو تتبّع معلوماتك.

- « تحقق من موقع الويب قبل تنزيل الملف: هل الموقع موثوق به؟ إذا لم تكن متأكدًا، فلا يجب عليك تنزيل الملفات منه.

NOTE (1):

» When you **download** a file:

- ① It will be saved on your computer.
- ② You can open and view it later without the Internet.

« إذا قمت بتنزيل ملف سيتم حفظه على الكمبيوتر، ويمكنك الاطلاع عليه لاحقاً دون أن تكون متصلاً بالإنترنت.

Lesson 1

أهم الكلمات والمصطلحات

Online communication	الاتصال عبر الإنترنت	Damage	يدمر
Personal information	بيانات شخصية	Instant messaging	المراسلة الفورية
Appropriate	مناسب	Unkind	غير لطيف
Downloading a file	تحميل ملف	Inappropriate site	موقع غير مناسب
Track	يتتبع	Viruses	فيروسات
Spam messages	رسائل مزعجة	Check	يفحص
Privacy	خصوصية	Steal	يسرق
Unsafe website	موقع غير آمن	Sharing data	مشاركة البيانات
Don't panic	لا تنزعج	Message forums	منتديات الرسائل



1

1 Ways of communicating online include (الإسكندرية - المنتزه أول 2026)

- (الجيزة - 6 أكتوبر 2026) (الجيزة - حدائق أكتوبر 2025) (بندر دمنهور 2024)

- 10 If your friend sent you a file and you want to save it on your device, you should the file. (الإسكندرية - المنتزه ثان 2025) (القاهرة - عين شمس 2024)
- a. download b. block c. scan d. delete
- 11  If one of your friends sends you a scary and weird image, you should ...
- a. send that image to your friends
b. tell your parents to help you
c. copy the image on your device
d. send a thank you message to the sender
- (الإسكندرية - شرق 2026) (الإسكندرية - الجمرک 2026) (المنوفية - شين الكوم 2026)
- 12 Your includes your name, address, and your date of birth.
- a. personal data b. link c. download d. spam
- (القاهرة - عين شمس 2026) (الغربية - غرب المحلة 2026) (الإسكندرية - المنتزه أول 2025)
- 13 You shouldn't communicate with on social media sites.
- a. your school friend b. a friend of yours
c. an unknown person d. your family
- (القليوبية 2026) (الأسماعيلية 2026) (الإسكندرية - المنتزه ثان 2025)
- 14 Be careful when downloading a file because viruses can
- a. protect your information b. track your information
c. clean your computer d. improve your device speed
- 15 Saving a file from the Internet to your computer is called
- a. share b. download c. upload d. block
- (القليوبية 2026) (الغربية - غرب المحلة 2026) (الإسكندرية - إدارة شرق 2023)
- 16 Before downloading any file, always check the is trusted.
- a. file size b. website
c. speed d. file name (القاهرة - عين شمس 2026)
- 17 Viruses can
- a. damage your file b. damage the mouse
c. connect to the Internet d. help your files
- (القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025)
- 18  If a video file was sent by an unknown person on your social media account, you must
- a. download the file to watch it
b. tell your parents and don't open the file
c. tell your friends
d. open the file first, then tell your parents
- (القاهرة - عين شمس 2026) (القليوبية 2026) (الأسماعيلية 2026)

Digital Safety and Security Precautions

- 19 If you get a message from a stranger and it tells you to download a file to watch a funny video, what should you do?
a. Download the video to watch later. b. Delete the message.
c. Ignore the message. d. Both b and c
- 20 Some files on the Internet may have that can damage your computer.
a. information b. viruses c. data d. photos

(القاهرة - عين شمس 2026) (الغربية - غرب المحلة 2026) (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (X):

- 1 One of the dangers of the Internet is that others can use your personal data. (الإسكندرية - المنتزه ثانٍ 2025) (أسيوط 2023) ()
- 2 Always be kind and honest when communicating with others. ()
- 3 It's necessary to know the identity of the person you're communicating with online. (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - برج العرب 2026) (الإسكندرية - وسط 2025) ()
- 4  Computers and smartphones are used to communicate via the Internet. (القاهرة - شرق مدينة نصر 2026) (الجيزة - 6 أكتوبر 2026) ()
- 5 It is safe to click on links that you are unsure of. (القاهرة - عين شمس 2026) ()
- 6 You cannot see a video after downloading it without the Internet. ()
- 7 You must check the privacy settings in the social networking sites. ()
- (الجيزة - بولاق الدكرور 2024)
- 8 You will be safe online if you share your personal data. (القاهرة - عين شمس 2026) (الأسماعيلية 2026) (القليوبية 2025) ()
- 9 People can use instant messages and emails to communicate. (البحيرة - دمنهور 2025) ()
- 10 You should not share your address and school name on social media. ()
- 11 Online forums are one way to communicate on the Internet. ()
- 12 Downloading an image on your device means placing a copy of it on the Internet. (البحيرة - أبو حمص 2024) ()

- 13 Your school name is considered personal information. (القاهرة - عين شمس 2026) ()
- 14 If you are unsure about a link, you should not click it. ()
- 15 All people online are kind and trustworthy. ()
- 16 The risks of downloading files to your computer include the possibility that these files may contain viruses. (الإسكندرية - المنتزه أول 2024) ()
- 17 You can download files on your device without the Internet. ()
- (القاهرة - عين شمس 2026) (الإسكندرية - المنتزه ثانٍ 2025) ()
- 18  Your personal information should be public for all users to see and save. ()
- (الإسكندرية - العجى 2025) (الإسكندرية - وسط 2026) (العاشر من رمضان 2026) (سوهاج 2026) ()
- (الإسكندرية - الجمر 2026) ()
- 19 Viruses are useful software for your computer. ()
- (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - العجى 2026) (القليوبية 2026) (الأسماعيلية 2025) (الغردقة 2025) ()
- 20  It is not necessary to know the identity of the person you are having a conversation with over the Internet. (البحيرة - دمنهور 2025) ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Personal information	a. allow you to communicate online.
2 Instant messages	b. track your information. (الجيزة - 16 أكتوبر 2026)
3 Viruses	c. may include your address or your name.

1 2 3

4 Complete the following sentences using the words between the brackets:

(privacy settings – download – instant messages – personal data)

- 1 When you a file, you save it to your device. (الشرقية - العاشر من رمضان 2026)
- 2 Check your on social media sites such as Facebook and Insragram.
- 3 Your name and address are considered (الغربية - طنطا 2025)
- 4 You can use to communicate with your friends.

Play with PONY

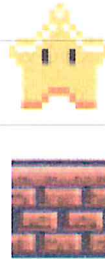
 Help Super Mario guess the solution



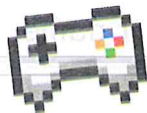
ALL

ABOUT

ME



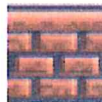
My
School Name



My Address



My Name



Lesson 2

Proper and Ethical Use of Information Technology

1 Posting Online النشر على شبكة الإنترنت

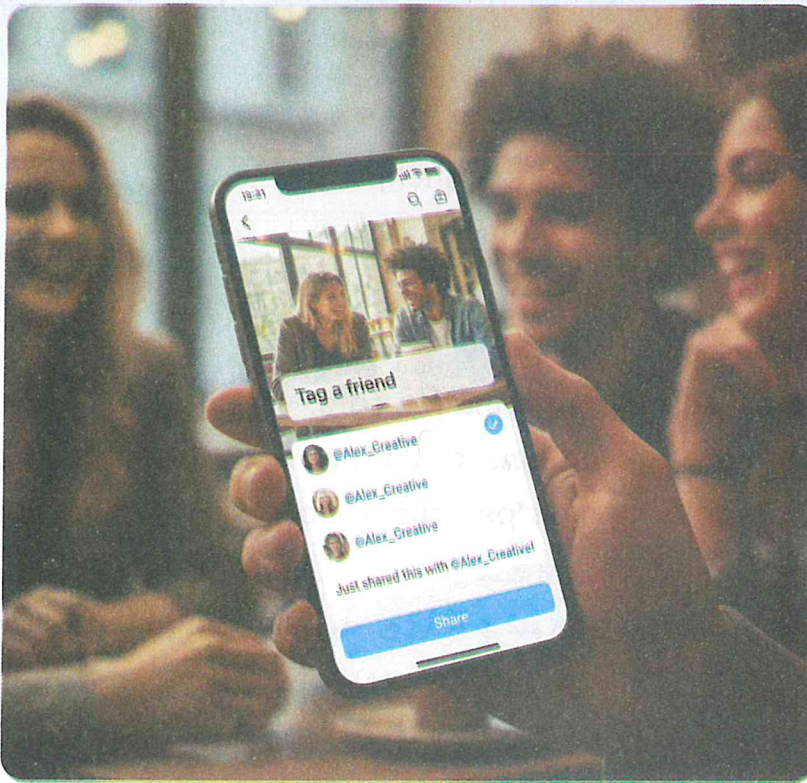
- » When you **tag** someone in a post, photo, or video:
 - 1 You identify that person in a post.
 - 2 Anyone who has access to your account can see the post.
- » Therefore, you should respect others' **privacy** by always asking them first if they agree to be tagged.

« عندما تقوم بعمل إشارة (tag) لشخص في منشور أو صورة أو مقطع فيديو:

1 فأنت تحدد هوية الشخص في المنشور.

2 أي شخص لديه إمكانية الوصول إلى حسابك يمكنه رؤية المنشور.

« لذلك ومن أجل احترام خصوصية الآخرين، يجب دائماً أن تسألهم أولاً إذا كانوا يوافقون على الإشارة إليهم (tag) قبل أن تنشر.



2 Crediting Others ذكر مصادر المعلومات وأصحابها

» Whether you are looking for information to post online or to include in a PowerPoint presentation, it's important to **credit the sources** that provided you with the information.



« إذا كنت تبحث عن المعلومات لنشرها على شبكة الإنترنت أو لإدراجها في عرض تقديمي تقوم بإعداده بواسطة باوربوينت، فمن المهم أن توثق مصدر المعلومات التي شاركتها، وتذكر أصحابها.

3 Respecting the Law احترام القانون

» There are several that protect people from irresponsible online activities, Such as:

① **Cybercrime Law (No. 175 of 2018)**. This law makes some acts illegal such as:

- Hack accounts or websites.
- Steal personal data (data theft).
- Spread rumors or fake news online.

② **Personal Data Protection Law (No. 151 of 2020)**. This law helps protect people's privacy by:

- Keeping personal information safe.
- Requiring organizations to get a person's permission before collecting or using their personal data.

« هناك العديد من القوانين الذي تجرم الأفعال غير المسؤولة على شبكة الإنترنت:

- ① منها (قانون مكافحة جرائم تقنية المعلومات رقم ١٧٥ في عام ٢٠١٨ م) والذي يجرم أفعال مثل اختراق الحسابات والمواقع، الاعتداء على البيانات، نشر الشائعات والأخبار الكاذبة.
- ② كما اهتم ايضا قانون حماية البيانات الشخصية رقم ١٥١ لسنة ٢٠٢٠ م بحماية خصوصية الأفراد، ويلزم الجهات بعدم جمع أو استخدام البيانات الشخصية دون الموافقة.

4 The Positive and Negative Effects of ICT Tools

» ICT tools have positive and negative effects.

The positive effect of ICT tools

الأثر الإيجابي

Lesson 2

- » You can access information easily.
- » You can download photos and videos with just a click of the mouse.



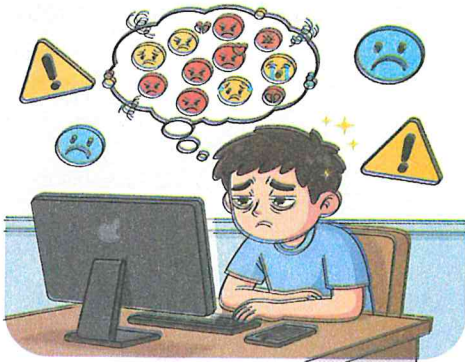
يمكنك الوصول للمعلومات بسهولة.

يمكنك تحميل الصور والفيديوهات بضغطة زر.

The negative effects of ICT tools

الآثار السلبية

- 1 You may come across something online that upsets you. So, ask your teacher or a family member before entering any new website.
- 2 You can get eye strain and headaches from using your devices for too long.
- 3 Some times, searching on Google does not provide the correct answer.



1 ربما تشاهد على شبكة الإنترنت شيئاً يزعجك.

لذلك استشر معلمك أو أحد أفراد عائلتك قبل الدخول إلى أي موقع جديد.

2 ربما تشعر بإجهاد في عينك أو صداع في رأسك عند الإفراط في استخدام الأجهزة الإلكترونية.

3 أحياناً البحث في جوجل لا يعطي الإجابة الصحيحة.

Digital Safety and Security Precautions

Unit 2

NOTES:

- » Remember to use ICT tools wisely and ethically.
- » Stay active and social, and be responsible.
- » Know when to take a break from your device.

« تذكر أن تستخدم أدوات تكنولوجيا المعلومات والاتصالات بحكمة وأخلاق.

« كن نشيطًا واجتماعيًا وكن مسئولًا.

« اعرف متى تأخذ استراحة من جهازك.

أهم الكلمات والمصطلحات

Tag	الإشارة	Ask permission	طلب الإذن من
Respect	تحتزم	Banned sites	المواقع المحظورة
Presentation	عرض تقديمي	Harmful	ضار
Immoral	غير أخلاقية	Inaccurate	غير دقيقة
Headache	صداع	Eye strain	إجهاد العين
Crediting others	ذكر مصادر المعلومات		



Exercises on Lesson 2

1 Choose the correct answer:

- 1 is the feature used to mention one of your friends on social media sites. (سوهاج 2026)(القاهرة - شرق مدينة نصر 2026)(الإسكندرية - شرق 2024)(الغردقة 2025)
a. Liking b. Sending c. Tagging d. Data theft
- 2 When you tag someone, this means you that person in the post. (المنوفية - السادات 2023)(الدقهلية - طلخا 2023)
a. block b. identify c. ignore d. none of them
- 3 ICT tools have and negative effects. (القاهرة - عين شمس 2026)
a. download b. positive c. normal d. none of them
- 4 sites may publish inaccurate and harmful material. (الإسماعيلية 2026)(الدقهلية - ميت غمر 2026)(الجيزة - إدارة جنوب 2023)
a. Scientific b. Trusted c. Banned d. Educational
- 5 One of the advantages of using ICT tools in our lives is (أسيوط 2024)
a. privacy b. easy access to information
c. respecting the law d. none of them
- 6 You should ask your friends for permission before tagging them in a post to respect their
a. piracy b. privacy c. identity d. none of them
- 7 is one of the most important things to consider when sharing information. (الإسكندرية - المنتزه أول 2025)
a. Plagiarism b. Crediting the source c. Tagging d. None of them
- 8 is from the negative effects of using ICT tools.
a. Obtaining information easily b. Communicating with friends
c. Eye strain and headache d. Viewing the latest news

(القاهرة - مدينة نصر 2026)(الإسكندرية - المنتزه أول 2026)(الإسكندرية - وسط 2026)

Digital Safety and Security Precautions

- 9 Spending a lot of time using technology can cause
a. happiness b. headaches c. activity d. health
(القاهرة - عين شمس 2026) (الإسماعيلية - 2025) (الجيزة - حدائق أكتوبر 2025)
- 10 lets others know where the information you are sharing came from.
a. Asking for permission b. Searching
c. Crediting the sources d. Piracy
- 11 One of the effects of using ICT is easy access to required formation.
a. program b. positive c. devices d. negative
(الإسكندرية - العجى 2026)
- 12 One of the positive effects of ICT tools is
a. getting eye strain b. seeing something that upsets you
c. downloading videos or photos d. all of them
(القاهرة - الشروق 2023)
- 13 Spending a lot of time using technology makes you feel
a. happy b. Lazy c. active d. healthy
(الجيزة - 16 أكتوبر 2026) (الأسماعيلية 2026)
- 14 One of the advantages of ICT tools is
a. data theft b. helping people with disabilities
c. overuse of electronic devices d. none of them
(الإسكندرية - المنتزه ثانٍ 2025) (الدقهلية 2024)
- 15 One of the positive effects of the Internet is
a. accessing information quickly b. data theft
c. identifying theft d. both b and c
(المنوفية - السادات 2023)
- 16 Banned websites may contain content.
a. inaccurate b. unethical c. harmful d. all of them
(القليوبية 2026)
- 17 When you use the internet , don't go to sites.
a. banned b. sports c. food d. educational
(الأسماعيلية 2026)
- 18 Before posting any information on social media, ask your self: ?
a. Do you harm anyone b. Is this post kind
c. Is this content good d. All of them
(الفيوم 2023)

2 Put (✓) or (X):

- 1  You should use ICT tools wisely and ethically. ()
(القاهرة - شرق مدينة نصر 2026) (الجيزة - 6 أكتوبر 2026) (المنوفية - شبين الكوم 2026) (حدائق أكتوبر 2025)
- 2 When you tag someone, they can see your post. ()
(القاهرة - عين شمس 2026) (القليوبية 2025)
- 3 Communicating with friends is one of the negative effects of ICT tools. ()
(الشرقية - العاشر من رمضان 2024)
- 4  You can share information about your friends on social media sites without their permission. ()
(القاهرة - شرق مدينة نصر 2026)
- 5 It's not important to credit a source that provides you with information. ()
(الجيزة - 6 أكتوبر 2026) (الإسكندرية - وسط 2026) (القليوبية 2025)
- 6 You should respect the law while using the Internet. ()
(الإسكندرية - العجسي 2025) (الجيزة - حدائق أكتوبر 2024)
- 7 Before you post something, ask yourself: Is this post kind to others? ()
- 8  Overusage of technology devices may cause eye strain and headaches. ()
(الإسكندرية - شرق 2026) (الإسكندرية - المنتزه أول 2026)
- 9 You should go on banned sites. ()
(القاهرة - عين شمس 2026)
- 10 One of the negative consequences of ICT tools is that you may come across something online that upsets you. ()
(الدقهلية - منية النصر 2023)
- 11 One of the negative effects of using ICT is communication with friends. ()
(الإسكندرية - العجسي 2025) (الإسكندرية - المنتزه أول 2025)
- 12 Headaches and eye strain are considered positive effects of ICT tools. ()
(القليوبية 2026) (قنا 2024)
- 13 Using ICT tools for too long can keep you active and social. ()
- 14 You must get the permission of someone who you want to tag. ()
(القاهرة - عين شمس 2026) (الإسكندرية - العجسي 2024)
- 15 Banned sites may publish accurate, moral, and useful material. ()
(القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025)

- 16 All answers to any questions on Google are correct and accurate. ()
- 17  You can mention a friend on social media sites using the tag. (القاهرة-شرق مدينة نصر 2026) (الإسكندرية-وسط 2025)
- 18 One of the positive effects of information and communication technology is downloading videos on your computer. (المنوفية- شبين الكوم 2025)
- 19 One of the negative effects of using ICT tools is easy access to information. (البحيرة-دمهور 2025)
- 20 You shouldn't go on banned sites. (القليوبية 2026)
- 21 One of the disadvantages of ICT is that you can upload and download files. (الأسماعلية 2026)
- 22 Always think before you post about yourself or other people. (الأسماعلية 2026)

3 Classify these situations into positive or negative effects of ICT tools:

Situation	Positive	Negative
1 Adam tags his friend in an old image without his permission.		
2 Lara asks her friend to tag her in a picture before she posts it online.		
3 Sarah shares valuable information without crediting the source.		
4 Ahmed works on his computer all day without taking any rest.		
5 Eyad presents information via PowerPoint, along with its sources.		
6 Lina asks her teacher first before she goes on a new website.		

Play with PONY



 Help your friend know the positive and negative effects of ICT tools.

Communicating with family and friends anywhere



Positive



NEGATIVE

Searching on Google doesn't always give the right answer.



Positive



NEGATIVE

Coming across something online that upsets you



Positive



NEGATIVE

Reading the news with just a click of the mouse



Positive



NEGATIVE

Eye strain, headaches, and becoming lazy



Positive



NEGATIVE

Uploading and downloading videos and photos



Positive



NEGATIVE



Test Yourself

Lessons
1&2

1 Choose the correct answer:

- 1 When you download a file, you save it on the (الجيزة - 6 أكتوبر 2026)
a. Internet b. cloud c. computer d. all of them
- 2 can damage your computer. (الأسماعلية 2026)
a. Blocking b. Sharing c. Communication d. Viruses
- 3 It is possible that there are viruses on your device if you
a. click on unknown links b. block someone
c. send an email d. none of them (الغربية 2023)
- 4 includes your name, address, and your date of birth. (القليوبية 2024)
a. Personal data b. Spam c. Download d. Virus
- 5 ICT tools should be used (القاهرة - عين شمس 2026)
a. wisely b. ethically c. carelessly d. both a and b
- 6  is/are from the disadvantages of using ICT tools.
a. Accessing information easily b. Eye strain and headaches
c. Communicating with your friends d. Accessing the latest news
(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - المنتزة أول 2026)
- 7 is one advantage of using ICT tools.
a. Eye strain b. Headache
c. Accessing information d. Becoming lazy

2 Put (✓) or (X):

- 1  When you share information online, you must mention the source of this information. ()
- 2 You must check the website before downloading a file. (الأزهر 2024) ()
- 3 You must respect the privacy of people and ask them before posting.
(الأسماعلية 2026) ()
- 4 Don't share personal data online without asking your parents if it is OK.
(القاهرة - بدر 2024) ()
- 5 Google is one of the reliable source of information. (الإسكندرية - العجى 2026) ()
- 6 People may use instant messaging, emails, and message forums to communicate.
(الجيزة - العمرانية 2023) ()
- 7 You shouldn't contact anyone you don't know. (القاهرة - عين شمس 2026) ()
- 8 Quick access to information is a positive effect of ICT. ()

1 Searching Safely البحث بطريقة آمنة

- » Use the safety features of the **browsers** you use.
- » Choose browsers that **warn** users before they enter an **unsafe site** or download a **harmful app**.



» If you get a warning message:

- 1 Talk to your teacher or family member to protect you and handle the problem wisely, without causing you any harm.
- 2 Avoid dealing with this site again.

« استفد من ميزات الأمان للمتصفحات التي تستخدمها.

« اختر المتصفحات التي ترسل تنبيهات للمستخدمين عند محاولة الدخول لموقع إلكتروني غير آمن أو تنزيل برنامج ضار.

إذا تلقيت رسالة تحذير:

- 1 تحدث مع معلمك أو أحد أفراد عائلتك ليحميك ويساعدك في التعامل مع المشكلة بحكمة.
- 2 تجنب التعامل مع هذا الموقع مرة أخرى.

» Some popular **browsers** have search engines set up just for children:

- 1 They show results that are **age-appropriate**.
- 2 They may include a **parental control app**.
- 3 They may include helpful **safety tips** for children.

« تتميز بعض المتصفحات الشائعة بمحركات بحث مخصصة للأطفال:

- 1 أنها تعرض النتائج المناسبة لعمرهم.
- 2 ربما تتضمن بعض المتصفحات تطبيقاً يتيح للوالدين مراقبة أطفالهما.
- 3 ربما تتضمن بعض المتصفحات نصائح مفيدة مرتبطة بأمان الأطفال.



- » Watching videos online is fun, but it is important to choose **appropriate** websites.
- » Some websites include **filters** that help you avoid watching **inappropriate** videos.

« مشاهدة الفيديوهات على الإنترنت ممتعة، لكن من المهم اختيار مواقع الويب المناسبة.

« بعض المواقع تحتوي على فلاتر تساعدك على تجنب مشاهدة الفيديوهات غير المناسبة.



Unit 2

Digital Safety and Security Precautions

» Choosing short periods for browsing the internet helps you maintain a balance between technology and your daily life.

» Benefits of limiting your screen time:

• Reduces negative effects such as:

① eye strain.

② decreased concentration.

③ reduced physical activity.

Gives you more time for useful activities such as:

• Reading.

• Exercising.

This leads to a healthy and more balanced lifestyle.

يساعدك اختيار الترات قصيرة لتصفح الإنترنت على تحقيق توازن بين استخدام التكنولوجيا وبالي جوانب حياتك اليومية.

فوائد تقليل وقت استخدام الشاشات: يقلل من الآثار السلبية مثل: إجهاد العين فلة النشاط البدني، ضعف التركيز.

ميمنحك وهذا أكبر الممارسة أنشطة مفيدة، مثل: القراءة، ممارسة الرياضة. وهذا يساعدك على اتباع

نمط حياة أكثر صحة وتوازنا.

2 Searching Smartly البحث بطريقة ذكية

» You can search online using:

1

Typing (Writing)

2

Images

» If you are searching for information on an image:

» Use images instead of words in your search.

» Use the camera button and upload your image.

» Your teacher can help you.



Google

Click the camera icon to get started.



« يمكنك البحث عبر الإنترنت باستخدام:

1 الكتابة.

2 الصور.

« إذا كنت تبحث عن معلومات عن صورة، فاستخدم الصور بدلاً من الكلمات في بحثك، واستخدم زر الكاميرا وأضف صورتك.

« يمكن لمدرسك مساعدتك.



Useful tips for finding information smartly:

» Many search engines ignore some words like (the, and, how, where, and or).

« تتجاهل العديد من محركات البحث بعض الكلمات مثل: ("the"، «و»، «كيف»، «أين»، «أو»).

1 To include a word in the search results: لتضمين كلمة في نتائج البحث.	add the "+" sign <u>before</u> the word. أضف علامة "+" قبل الكلمة.
2 To ignore/avoid a word in the search results: لتجنب أو تجاهل كلمة في نتائج البحث.	add the "-" sign <u>before</u> the word. أضف علامة "-" قبل الكلمة.
3 To search for a particular phrase : للبحث عن عبارة معينة.	put the phrase inside quotation marks " " . » This will help <u>narrow</u> your search to the exact wording. سيساعد في تضيق البحث إلى الصياغة الدقيقة.

أهم الكلمات والمصطلحات

Searching safely	البحث بطريقة آمنة	Warn	يحذر
Search engine	محرك البحث	Searching smartly	البحث بطريقة ذكية
Browser	متصفح	Sign	علامة



Exercises on Lesson

3

1

Choose the correct answer:

- 1 You can use to search for information online.
a. results b. Excel c. a search engine d. books
(الإسكندرية - إدارة وسط 2023)
- 2 You should choose browsers that you before entering unsafe sites.
a. block b. allow c. search d. warn
- 3 Using is one of the methods for children to search online.
a. unsafe sites b. unknown sites
c. search engines for children d. search engines for adults
(القليوبية 2026) (أبناؤنا في الخارج 2024)
- 4 If you get a warning message when surfing the Internet, to the site.
a. proceed b. do not proceed
c. go d. log in
- 5 You can search using if you are searching for information on an image.
a. videos b. images c. links d. none of them
- 6  The sign is used while searching on the Internet before words that you want to ignore (exclude) in the search results.
a. - b. + c. # d. /
(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - وسط 2026) (الإسكندرية - شرق 2026) (البحيرة - دمنهور 2026)
- 7 Some websites may include to avoid seeing inappropriate videos.
a. antivirus b. personal data
c. filters d. hardware
- 8 To search for an exact sentence, we put the sentence between
a. + b. - c. " " d. @
(القليوبية 2026) (الإسماعيلية 2026) (القليوبية 2025) (الإسكندرية - منتزه أول 2025)
- 9 Search engines set up for children show results.
a. inappropriate b. random
c. adult d. age-appropriate

- 10 You can search online using
 a. words b. images c. both a and b d. none of them
- 11 The + sign before a word tells the search engine to that word in the search results. (الغريبة - طنطا 2025)
 a. avoid b. include c. ignore d. neglect
- 12 To search for summer fruits avoiding peach, type in the search engine.
 a. summer fruits + peaches b. summer fruits with peaches
 c. summer fruits – peaches d. summer fruits and peaches
- 13 Use the button to search using an image.
 a. camera b. microphone c. mouse d. printer
- 14  When an unknown person sends you a warning message via the Internet, you must (الجيزة - 6 أكتوبر 2026) (الإسكندرية - المنزة أول 2026) (الإسكندرية - برج العرب 2026)
 a. ask your parents for help b. open the message
 c. send a friend request to the sender d. publish the message
- 15 When searching for the question: how long is the River Nile, it is preferable to place it between
 a. signs + + b. sign -
 c. quotation marks " " d. signs # # (أبناؤنا في الخارج 2024)
- 16 To access websites online, you can use
 a. Excel b. Word c. PowerPoint d. a browser (القليوبية 2026) (أبناؤنا في الخارج 2024)

2 Put (✓) or (X):

- 1 Some popular browsers have search engines set up just for children. (الإسكندرية - إدارة وسط 2024) ()
- 2  By using images, you can search for information instead of words. (الغردقة 2025) ()
- 3  Safe browsers send an alert to users when they try to visit banned site. (الإسماعيلية 2026) (الإسكندرية - شرق 2025) ()
- 4 Learning smart search techniques is a waste of time. ()
- 5 To ensure that your search does not include unwanted results, you can add the sign (+). (الإسكندرية - الجمرک 2024) ()

Digital Safety and Security Precautions

- 6  Browsers specialized for kids display content appropriate for their age. (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - وسط 2026) (الجيزة - 6 أكتوبر 2026)
- 7 To search for an exact sentence, we put it between quotation mark. (الإسكندرية - العجى 2026)
- 8 While searching for a specific sentence, you can use the \$ sign. (المنوفية - شبين الكوم 2025)
- 9 The (+) sign is used to get unwanted results in the search process on the Internet. (القاهرة - عين شمس 2026) (الإسكندرية - إدارة شرق 2024) (بني سويف 2023)
- 10  Browsers specialized for kids allow parental control over their kids. ()
- 11  While searching online, you can use the (-) sign before words you want to avoid (ignore) from the results. (المنوفية - شبين الكوم 2025) (الغربية - غرب المحلة 2026)
- 12 You should proceed to the site if you receive a warning message. ()
- 13 We have to choose browsers that don't warn users when they download a harmful app. (الإسكندرية - وسط 2025)
- 14 ICT tools help search about information through the internet. (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - المنتزة أول 2026)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A browser	a. if you would like the search engine to avoid this word.
2 Add the + sign before a word	b. is an application that helps you access websites online. (الغربية - غرب المحلة 2026)
3 Add the - sign before a word	c. if you are searching for a particular phrase.
4 Put the statement inside " "	d. if you need these words to be included in your search. (الإسكندرية - العجى 2026)

1

2

3

4

Play with PONY



Put (✓) or (X):



1

If you get a warning message, don't proceed to the site.



2

Some browsers have search engines set up for children.



3

Banned sites are safe to visit.



4

Use the safety features of the browsers you use for searching.



5

Search engines set up just for children show the age-inappropriate results.



6

Child-friendly websites include filters to avoid clicking on inappropriate videos.



Lesson

4

Authorities Responsible for Solving Internet Problems

» If you face an online problem, who can help you?

إذا واجهت مشكلة عبر الإنترنت، من يستطيع مساعدتك؟

1 Online Bullying التنمر عبر الإنترنت

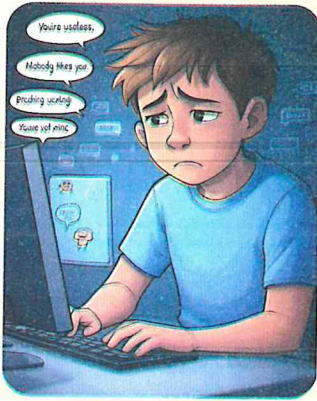
Bullying التنمر

It means that someone repeatedly posts or sends you hurtful messages.

يعني أن شخصاً ما ينشر أو يرسل لك رسائل مؤذية (فيها كلام جارح) بشكل متكرر.

» If you face online bullying:

- 1 Do not worry.
- 2 You can block the person who is bullying you.
- 3 You can go to your teacher or a family member for help.
- 4 You can also go to the General Department for Combating Internet Crimes; they will help you take all legal measures.



إذا تعرضت للتنمر الإلكتروني:

- 1 لا تقلق.
- 2 يمكنك حظر الشخص الذي يتنمر عليك.
- 3 يمكنك التوجه إلى معلمك أو أحد أفراد أسرته للمساعدة.
- 4 يمكنك أيضاً التوجه إلى الإدارة العامة لمكافحة جرائم الإنترنت؛ وسيساعدونك في اتخاذ جميع الإجراءات القانونية.

Note:

» Bullying is a repeated, unkind behavior towards someone.

ملحوظة: التنمر سلوك غير مهذب متكرر تجاه شخص ما.

أنواع الاحتيال الإلكتروني Types of Oline Scams

1- Phishing التصيد الإلكتروني

» Sending fake messages that appear to be from trusted sources to trick you into sharing your personal data, such as passwords or bank card details.

» ارسال رسائل مزيفة تبدو وكأنها من جهات موثوقة لخداعك وسرقة بياناتك مثل كلمات المرور أو بيانات البطاقات.

2- Identity Theft سرقة الهوية

» It means that someone stole your personal information, or your social media account, or your address, or your email, or your phone number and used it for bad purposes.

» يعني أن شخصاً ما سرق معلوماتك الشخصية أو حسابك على مواقع التواصل الاجتماعي أو عنوانك أو إيميلك أو رقم هاتفك، واستخدمه في أشياء سيئة.

» Internet problems are common, so to protect yourself from identity theft:

- 1 You must always protect your personal data.
- 2 Do not deal with unknown people.
- 3 Always log out of your computer, social media, and email after use to protect your devices and data from digital threats.
- 4 Ask your family member for help if you face any online problem or other life problems.



» مشاكل الإنترنت شيء شائع، لذا لحماية نفسك من سرقة الهوية:

- 1 احرص دائماً على حماية بياناتك الشخصية.
- 2 لا تتعامل مع أشخاص مجهولين.
- 3 احرص دائماً على تسجيل الخروج من جهاز الكمبيوتر وحسابات التواصل الاجتماعي والبريد الإلكتروني بعد الاستخدام لحماية أجهزتك وبياناتك من المخاطر الرقمية.
- 4 اطلب المساعدة من أحد أفراد عائلتك إذا واجهت أي مشكلة على الإنترنت أو أي مشاكل حياتية أخرى.



Digital Safety and Security Precautions

3- Identity Impersonation: انتحال

» Someone pretends to be another person or a well-known organization to trick you into:

- Sending money.
- Sharing sensitive information.

» انتحال الهوية: شخص يدعي بأنه شخص آخر أو جهة معروفة لخداعك من أجل ما التحويل أموال أو مشاركة معلومات حساسة لك.

أهم الكلمات والمصطلحات

Common	شائعة	Online identity theft	سرقة الهوية عبر الإنترنت
Combating Internet Crimes	مكافحة جرائم الإنترنت	Unkind behavior	سلوك غير مهذب
Bad purposes	أغراض سيئة	Department	إدارة
Hurtful messages	رسائل مؤذية	Repeated	متكرر
Online bullying	التنمر الإلكتروني	Block	حظر أو منع



Exercises on Lesson 4

1 Choose the correct answer:

..... is a repeated, unkind (bad) behavior towards someone

1

- a. Hacking
- b. Identity theft
- c. Bullying
- d. None of them

(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - شرق 2026) (القليوبية 2026) (الإسماعيلية 2025) (بورسعيد 2025) (سوهاج 2023)

2 If you find an account with your name and personal photo on social media sites, this is considered

- a. bullying
- b. a spam message
- c. a virus
- d. identity theft

(الدقهلية - ميت غمر 2026) (البحيرة - دمنهور 2026)

3 Cyberbullying involves sending messages.

- a. happy
- b. hurtful
- c. funny
- d. short

4 If your friend sends you a friend request on a social networking site, you must

(الإسكندرية - المنزه أول 2024) (الإسكندرية - المنزه ثان 2023)

- a. close the device
- b. delete the friend request
- c. check his identity
- d. block him

5 If you are bullied on a social networking site, you should

- a. tell your parents
- b. bully them
- c. both of them
- d. none of them

(الجزيرة - الشيخ زايد 2023)

6 is when a person behaves badly towards another person repeatedly.

(القاهرة - شرق مدينة نصر 2026)

- a. Critical thinking
- b. Bullying
- c. Collaborative
- d. Experiments exchange

- 7 is someone impersonating your personal information on social media. (الجيزة - الشيخ زايد 2023)
- a. Antivirus b. Download c. Identity theft d. None of them
- 8 If a stranger sends you a message to bully you, what should you do?
- a. Share the message. b. Block the person.
c. Bully them back. d. None of them.
- 9 You shouldn't communicate with on social media sites.
- a. your school friend b. a friend of yours
c. an unknown person d. all of them (بني سويف 2023)
- 10 is someone using your personal information badly.
- a. cooperation b. identity theft
c. Exchange experience d. software update
- (الإسكندرية - العجمي 2026) (الأسماعيلية 2026)
- 11 can include hurtful posts, messages, or texts.
- a. Tagging b. Bullying
c. Blocking d. Spam (الإسكندرية - المنتزه أول 2025)
- 12 in Egypt is responsible for dealing with all kinds of the Internet crimes.
- a. The Ministry of Education
b. The Ministry of Communication
c. The Ministry of Education
d. The General Department for Combating Internet Crimes (المنيا 2023)
- 13 If you feel uncomfortable, you can the one who bully you.
- a. block b. share c. send d. like
- (القاهرة - شرق مدينة نصر 2026) (الإسكندرية - وسط 2026) (الإسكندرية - المنتزه أول 2026)
- 14 Some individuals communication online to steal your
- a. personal information b. games
c. repots d. food (القليوبية 2026)

2 Put (✓) or (X):

- 1 The best way to avoid Internet problems is not to use the Internet. ()
(الإسكندرية - المنتزه أول 2025)
- 2 Online bullying is a repeated, kind behavior towards someone. ()
(الجيزة - حدائق أكتوبر 2025)
- 3 Online bullying includes bad posts or bad messages. ()
(الإسكندرية - المنتزه أول 2024) (الإسكندرية - المنتزه ثاني 2023)
- 4 Make sure not to contact anyone you don't know. ()
- 5 Communication with an unknown person may expose you to bullying. ()
(الدقهلية - طلخا 2023)
- 6 Identity theft means that someone is using your personal information. ()
(الشرقية - العاشر من رمضان 2024)
- 7 You can ask your teacher for help in solving problems you face online. ()
(بورسعيد 2025)
- 8 Identity theft is a repeated, unkind behavior towards someone. ()
(المنوفية - شبين الكوم 2025)
- 9 Identity theft means that someone is using your personal data without permission. ()
(الإسكندرية - برج العرب 2026)
- 10 Internet problems are common, so you should protect yourself. ()
- 11 It is safe to communicate with unknown people online. ()
- 12 Take care of people you don't know on social media; they may communicate to steal your data. ()
- 13 Harmful and inappropriate posts are considered a form of cyberbullying. ()
(القاهرة - شرق مدينة نصر 2026)
- 14 Bullying is repeated unkind behavior towards someone. ()
(القاهرة - شرق مدينة نصر 2026) (المنوفية - شبين الكوم 2026)
- 15 When you block someone they can see your posts. ()
(الجيزة - 6 أكتوبر 2026) (الأسماعيلية 2026)
- 16 When you block someone, he can't see your posts. ()
(الإسكندرية - العجى 2026)
- 17 Use download feature to block people that you don't want to communicate with in social media. ()
(الإسكندرية - برج العرب 2026)
- 18 If someone steals your identity, he can use your personal information. ()
(الأسماعيلية 2026)

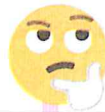
Play with PONY



Guess the name of the online problem:

Someone is using your personal information.

They may have access to your social media accounts.



The problem is:

.....

.....

.....

Your identity or a family member's identity may get stolen online.

They could see your address, email, or phone number.



Test Yourself

Lessons
3&4

1 Choose the correct answer:

- 1 A website that includes help you avoid inappropriate videos.
a. cameras b. passwords c. filters d. none of them
- 2 Online bullying involves sending messages.
a. happy b. hurtful c. funny d. short
- 3 If you are looking for a specific sentence, put this sentence within marks.
a. == b. -- c. " " d. ++
(القليوبية 2026) (أبناؤنا في الخارج 2025)
- 4 You may be at risk to theft over the Internet.
a. tools b. books c. friends d. identity
(أبناؤنا في الخارج 2024)
- 5 means using the personal data of someone without their permission.
a. Bullying b. Virus
c. Identity theft d. None of them
(الدقهلية - ميت غمر 2026)
- 6 Child-friendly sites may include to avoid seeing inappropriate videos.
a. antivirus b. viruses c. filters d. videos
- 7 Bullying is a repeated, behavior towards someone.
a. kind b. polite c. unkind d. both a and b

2 Put (✓) or (X):

- 1 Online bullying can include text messages only. ()
(الأسماعيلية 2026) (الإسكندرية - المنتزه أول 2025)
- 2 The quotation marks " " are used to limit the search results you want. ()
(البحيرة - أبو حمص 2024)
- 3 Internet problems are common. ()
- 4 If someone is bullying you, you can block that person. ()
- 5 The minus (-) sign is used to include more words. ()
(الجيزة - 6 أكتوبر 2026)
- 6 You can use the image instead of words in your search engine. ()
- 7 Annoying messages online are a type of bullying. ()
- 8 All web browsers have search engines set up just for children. ()

(السويس 2024)

November Exam

on Lessons (1- 4)

1 Choose the correct answer:

- 1 Your name and address are considered (سوهاج 2023)
a. spam b. blogs c. personal data d. hacking
- 2 The methods of online communication include
a. emails b. direct messages
c. forums d. all of them
- 3 To search for a specific sentence, use the sign.
a. + b. - c. * * d. " "
- 4 You can collect data from (الأسماعية 2026) (الجيزة - أوسيم 2024)
a. books only b. surveys only c. both a and b d. none of them
- 5 A/An can damage your files and track your information.
a. antivirus b. virus c. both a and b d. none of them
- 6 You can from the Internet and save them on your device.
a. download files b. block your friend
c. delete files d. none of them (أبو حمص 2024)
- 7 is a feature used to tag one of your friends on social media sites. (بورسعيد 2025)
a. Tagging b. Sending c. Sharing d. Liking

2 Put (✓) or (X):

- 1 We can make a graph using Excel. (الإسكندرية - إدارة وسط 2024) ()
- 2 Tablets can be used for online communication. ()
- 3 The overuse of technology devices may cause eye strain and headaches. (الغردقة 2025) ()
- 4 When you share information, its source must be unknown. ()
- 5 Choosing search words precisely helps us get the required search results. ()
- 6 PowerPoint is used to create presentations. ()
- 7 It is safe to communicate with unknown people online. ()
- 8 You shouldn't click on links that you are unsure of. ()

(الإسكندرية - إدارة وسط 2024)

My Personal Digital Safety Plan

1 Creating Strong Passwords إنشاء كلمات مرور قوية

» To protect your devices or your accounts online, you must create strong passwords.

• Strong passwords:

- 1 Are difficult to guess or predict.
- 2 Are at least 8 characters.
- 3 Contain letters, numbers, and symbols.



» لحماية أجهزتك أو حساباتك على الإنترنت، يجب عليك إنشاء كلمات مرور قوية.

• كلمات المرور القوية:

- 1 يصعب تخمينها أو التنبؤ بها.
- 2 لا تقل عن ٨ أحرف.
- 3 تحتوي على أحرف وأرقام ورموز.

• Examples of strong passwords:

- 1 Ta@#9045.
- 2 Abg65@iu.
- 3 Mo5&re2i.



Notes:

- 1 Your password shouldn't include personal information, such as your name, birthday, or address.
- 2 Don't use the same password for all your accounts.
- 3 You can use a password manager app to create passwords and store them securely.

• ملاحظات: 1 يجب ألا تتضمن كلمة مزورك معلومات شخصية (مثل: الاسم، تاريخ الميلاد، العنوان).

2 لا تستخدم كلمة مرور واحدة لجميع حساباتك.

3 يمكنك استخدام برنامج إدارة كلمات المرور لإنشاء كلمات مرور وحفظها بشكل آمن.

Digital Safety and Security Precautions

2 Choosing Antivirus Programs: اختيار برنامج مكافحة الفيروسات

» You should use **antivirus** software on your devices.

» Antivirus software can:

- 1 Detect viruses and harmful programs.
- 2 Fix damaged files.



» ينبغي عليك استخدام برنامج مكافحة فيروسات على أجهزتك لحمايتها.

» يستطيع برنامج مكافحة الفيروسات القيام بما يلي:

- 1 اكتشاف الفيروسات والبرامج الضارة.
- 2 إصلاح الملفات التالفة.

General Tips:

- 1 Use a strong and different password for each device and account.
- 2 Install antivirus software on all your devices.
- 3 Remember that there are programs that offer tips to help you create secure passwords (password manager).

• إرشادات عامة:

- 1 استخدم كلمة مرور قوية ومختلفة لكل جهاز وحساب.
- 2 ثبت برنامج مكافحة فيروسات على جميع أجهزتك.
- 3 تذكر أن هناك برامج تقدم نصائح لمساعدتك في إنشاء كلمات مرور آمنة (مدير كلمات المرور).

أهم الكلمات والمصطلحات

Store	يخزن	accounts	حسابات
Hacking	القرصنة الإلكترونية	Guess	يخمن
Antivirus	مكافحة الفيروسات	Hackers	قراصنة الكمبيوتر
Password	كلمة المرور	Special characters	رموز خاصة
Symbols	رموز	Tips	نصائح
Devices	أجهزة	Secure passwords	كلمات مرور آمنة



Exercises on Lesson 5

1 Choose the correct answer:

- 1 The password that contains your birth date is
a. strong b. safe c. weak d. recommended
(القاهرة - عين شمس 2026) (الجيزة - إدارة جنوب 2023)
- 2 It is better to choose passwords for your different accounts.
(الجيزة - 6 أكتوبر 2026) (الجيزة - حدائق أكتوبر 2025) (أبناؤنا في الخارج 2024)
a. identical b. different c. similar d. random
- 3 A strong password must include at least characters.
a. six b. eight c. ten d. four
- 4 The program protects your devices from risks that cause harm.
a. Word b. PowerPoint c. antivirus d. virus
(الإسكندرية - المنتزه ثانٍ 2025) (الأزهر - منطقة القاهرة 2024)
- 5 A password manager helps strong passwords.
a. create b. store c. share d. both a and b
- 6 You can protect your personal accounts on the Internet by creating
(القاهرة - شرق مدينة نصر 2026) (الإسكندرية - وسط 2026) (المنوفية - شبين الكوم 2026)
a. strong passwords b. personal information
c. your home d. your date of birth
- 7 One of the strongest passwords from the following is (الإسكندرية - المنتزه أول 2025)
a. Mostafa b. Azm@23y# c. 12345678 d. a2bz#35
- 8 enables someone to access your computer through the Internet.
(الإسكندرية - وسط 2026) (المنوفية - شبين الكوم 2026)
a. Curiosity b. Hacking c. Sharing d. Bullying
- 9 You should protect your devices with software. (الجيزة - العمرانية 2025)
a. small b. Word c. antivirus d. Excel
(الشرقية - العاشر من رمضان 2026) (الجيزة - العمرانية 2026)

- 2 Put (✓) or (x):

- 104 ICT Prim. 4 – First Term

- 5 Make sure you choose strong passwords that nobody can guess. ()
(كفر الشيخ 2023)
- 6  The password (ABC123) is considered a strong password. ()
(الشرقية - العاشر من رمضان 2026) (المنوفية - شبين الكوم 2026) (سوهاج 2026) (البحيرة - دمنهور 2025)
- 7 A good antivirus program can fix damaged files. ()
(الإسكندرية - المنتزه أول 2025)
- 8 It is necessary to include letters, numbers, and special symbols in your passwords. ()
(الإسكندرية - المنتزه ثانٍ 2025)
- 9 A strong password should be at least eight characters. ()
(القاهرة - عين شمس 2026) (الإسكندرية - المنتزه أول 2025) (المنوفية - السادات 2023)
- 10 Use the same password for all your accounts. ()
(القاهرة - عين شمس 2026) (الشرقية - العاشر من رمضان 2024)
- 11  The password (Vtm!@Qdvl756) is considered a strong password. ()
(القاهرة - شرق مدينة نصر 2026)
- 12 The more difficult the password for your account, the greater the risk of being hacked. ()
(الإسكندرية - المنتزه ثانٍ 2025)

3 Why are the following passwords unsafe to use?

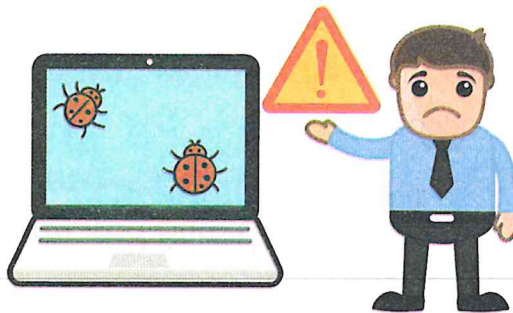
Weak Password	Reason
1 Ahmed01288833775	
2 ad#@54t	
3 abcdefgh	
4 9-11-2000	

4 Are these passwords secure? Suggest ways they can be made more secure:

1 Abdelaziz456	2 dQvltM	3 abcl123	4 Password*1
.....			

Play with PONY

💡 Which of the following statements are true for viruses and antivirus?



Virus

Antivirus

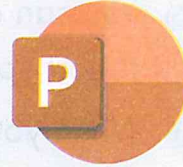


- | | | |
|---|--------------------------|--------------------------|
| 1 It can cause big problems. | ☐ | ☐ |
| 2 It can fix damaged files. | ☐ | ☐ |
| 3 It is a software that can remove viruses that affect your device. | ☐ | ☐ |
| 4 It can send an email to everyone on your computer. | ☐ | ☐ |
| 5 It catches viruses before they affect your device. | ☐ | ☐ |
| 6 It can delete your files. | ☐ | ☐ |

Tools for creating Digital Reports

1 PowerPoint Program:

- » The PowerPoint program is used to create presentations.
- » You can add text, pictures, and fun sound effects to your digital report.
- » You can present your information in a clear and attractive way.



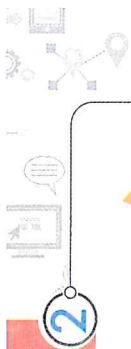
- » برنامج باوربوينت: يستخدم برنامج باوربوينت لإنشاء العروض التقديمية.
- » يمكنك إضافة نصوص وصور ومؤثرات صوتية ممتعة إلى تقريرك.
- » يمكنك عرض معلوماتك بطريقة واضحة وجذابة.

2 Video Conference

- » It allows real-time (instant) communication between people using computer accessories, such as a camera.
- » There are many devices that come with built-in camera, such as portable devices: laptops, mobile phones, and tablets.



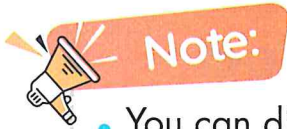
- » تسمح محادثات الفيديو بإجراء محادثات فورية بين الأشخاص باستخدام ملحقات الكمبيوتر مثل: الكاميرا.
- » هناك الكثير من الأجهزة مزودة بكاميرات مدمجة، مثل الأجهزة المحمولة (اللاب توب، الهواتف المحمولة والتابلت).



Unit

2

Digital Safety and Security Precautions



Note:

- You can discuss your digital report through a video conference.

يمكنك مناقشة تقريرك الرقمي عبر محادثة الفيديو.

3 Advertising Poster الملصق الإعلاني

- You can create a poster that includes the report you have prepared.
- When you prepare the poster, choose fun colors, graphics, photos, or cutouts.
- Make sure the text is easy to read.
- Make sure the font sizes of headings and subheadings are consistent.
- Always remember to credit the sources of the information you obtained.



يمكنك إنشاء ملصق يتضمن التقرير الذي قمت بإعداده.

عند إعداد الملصق اختر ألواناً جذابة، ورسومات، وصورًا، قصاصات.

تأكد من سهولة قراءة النص.

تأكد من تناسق حجم الخطوط للعناوين الرئيسية والعناوين الفرعية.

تذكر دائماً توثيق مصادر المعلومات التي حصلت عليها.

At the end of this lesson, you can present your report in a creative way using:

- 1 A PowerPoint presentation.
- 2 A video conference.
- 3 An advertising poster.

في نهاية هذا الدرس، يمكنك تقديم تقريرك بطريقة إبداعية باستخدام: عرض تقديمي، محادثة فيديو وملصق إعلاني.

أهم الكلمات والمصطلحات

Digital reports

تقارير رقمية

Cutout

صورة مقطوعة من مجلة

Poster

ملصق

2 Put (✓) or (X):

- 1 You can use PowerPoint, video conference, or posters to present your digital report. ()
- 2 PowerPoint doesn't allow you to make brightly colored advertising posters. (القاهرة - شرق مدينة نصر 2026) ()
- 3 Excel is a Microsoft program that creates presentations. ()
- 4 You can present your digital reports through video communication. ()
- 5 When you are designing a poster, there is no need to credit the sources. (الغربية - غرب المحلة 2026) ()
- 6 Laptops often have built-in cameras for video communication. ()
- 7 Always make sure that the text is small enough in your poster. (الإسكندرية - المنتزه أول 2025) (الشرقية 2023) ()
- 8 Make sure the font sizes of the headings and subheadings in a poster are consistent. ()
- 9 Crediting sources of information is not important when creating a report. ()
- 10 When creating a poster, always make sure that the text is easy to read. (الإسكندرية - المنتزه ثان 2023) ()
- 11 Posters should include fun colors, drawings, photos, or cutouts to attract people. (سوهاج 2025) ()
- 12 PowerPoint doesn't allow adding effects or images to the slides. (الغردقة 2025) ()
- 13 You can make a video conference to present your research. (الأسماعيلية 2026) (الأزهر الشريف 2023) ()
- 14 PowerPoint doesn't allow you to add video to slides. ()

(القاهرة - شرق مدينة نصر 2026)

Play with PONY

 Who am I?

I am

I don't need film sets or expensive cameras to be made.

You can interview others and include them in me.

I can record you while presenting your ideas.

You can make me on a laptop, tablet, or mobile.



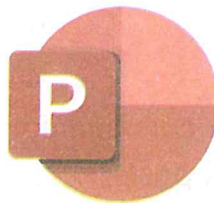
I am

Microsoft Program

I include WordArt.

I can create slideshows.

The presentation may include pictures and sound effects.

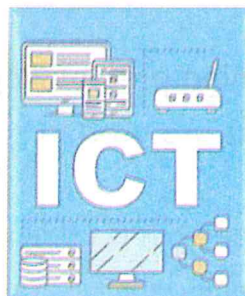


I can present your ideas if you don't have a device.

You should choose fun colors when creating me.

I include arts, like drawings, photos, and cutouts.

Make sure the text is large enough when designing it.



I am

Lessons 5&6

- 1 To create a strong password, it must contain not less than characters.
a. 3 b. 5 c. 6 d. 8
(الغربية - غرب المحلة 2026)(الإسكندرية - العجوي 2024)
- 2 A can causes big problems, so you have to use antivirus.
a. speaker b. computer virus
c. microphone d. printer
(السويس 2024)
- 3 Which of the following passwords is considered weak?
a. Omar b. @bdEl77#
c. 123\$RsheE& d. as7m@efi8ef
(القليوبية 2025)
- 4 Creating a weak password leads to
a. identity theft b. hacking c. security d. both a and b
(الإسكندرية - المنتزه أول 2024)
- 5 Always use software to protect your devices.
a. a microphone b. a mouse c. antivirus d. spam
(الجيزة - 6 أكتوبر 2026)
- 6 When creating a poster, make sure the text is
a. too big b. too small
c. easy to read d. none of them
(القاهرة - عين شمس 2026)
- 7 allows real-time communication between people.
a. PowerPoint b. A poster c. A video d. None of them

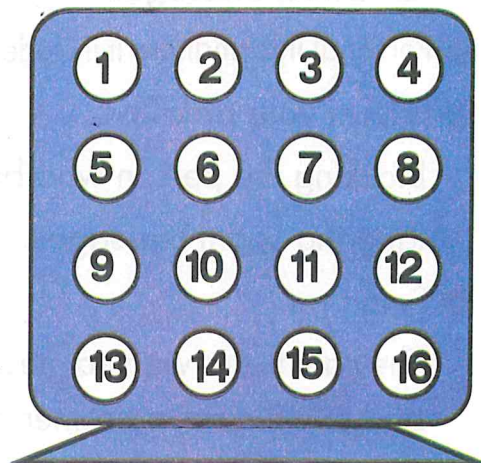
(الدقيلية - ميت غمر 2026)

- 1 A strong password includes letters only. (الجائزة - 6 أكتوبر 2026)
- 2 PowerPoint is a fun way to present digital reports. (الجائزة - العمرانية 2025)
- 3 Word is great for designing presentations. (كفر الشيخ - بلطيم 2024)
- 4 Good antivirus programs are used to protect your device from risks. (الجائزة - كرداسة 2024)
- 5 You should have a device with a camera to make a video call.
- 6 Your password should include your name. (الجائزة - 6 أكتوبر 2026)
- 7 PowerPoint is used to make presentations. (الإسكندرية - المنتزه أول 2025)
- 8 Sharing your password with others is secure. (أسيوط 2024)

Play with PONY

CONNECT 4

- 1 The spam includes wanted messages. ()
- 2 Online problems are common. ()
- 3 Banned sites are safe and trusted. ()
- 4 A good antivirus program can fix damaged files. ()
- 5 You should not respect the law online. ()
- 6 When someone is blocked, they can see your posts. ()
- 7 Online problems can be scary and make you feel helpless. ()
- 8 You can search using images. ()
- 9 Online bullying is a kind behavior. ()
- 10 You should use ICT tools wisely and ethically. ()
- 11 Use the same password for all your accounts. ()
- 12 Spam messages may include viruses. ()
- 13 WordArt in PowerPoint makes the text interesting. ()
- 14 Sharing your password with others is secure. ()
- 15 Eye strain is one of the positive effects of ICT tools. ()



CONNECT 4

- 1 Color **true** with **yellow**.
 - 2 Color **false** with **red**.
- 👉 You win when you **connect 4 with yellow**.

Summary

of

Unit
2

Digital Safety and
Security Precautions

Lesson 1

» People can communicate through:

- 1 Instant messages
- 2 Emails
- 3 Direct messages
- 4 Forums

» **Personal information:** It includes your **name**, **address**, **school name**, and **date of birth**.

» Protect your data by:

Blocking the person who behave badly.

Ignoring spam messages.

» Spam:

They are the unwanted messages received from an unknown email address and contain advertisements.

» Be **kind** with others.

» Never share any personal information unless you ask your teacher or a family member first.

» Don't click on links that you are unsure of.

» If you view an **inappropriate site**:

- 1 Leave the site.
- 2 Tell your teacher or a family member.

» Check the website and the link before you download a file. It may have **a virus** that damages your device or tracks your information.

» If you are not sure of the website and link, don't download the file.

» Check your **privacy settings** on social media sites.



Lesson 2

» When you **tag** someone, you identify that person in the post.

- » Make sure you respect the people you tag by asking your friends first if they agree to be tagged before you post.
- » It is important to **credit the sources** of the information you share.
- » Egypt has laws to keep people safe online.
 - 1 Cybercrime Law (No. 175 of 2018):
It punishes crimes such as hacking accounts or websites, stealing data, and spreading fake news.
 - 2 Personal Data Protection Law (No. 151 of 2020):
It protects people's privacy and prevents collecting or using personal data without permission.
- » **Banned sites** may publish **inaccurate**, **immoral**, and **harmful material**.
 - 1 Don't go on banned sites.
 - 2 Ask your teacher or a family member before you go on a new site.
- » **The Positive effect of ICT:** Information can be accessed easily.
- » **The Negative effects of ICT:**
 - 1 You may come across something online that upsets you.
 - 2 Eye strain and headaches.
 - 3 Some search results don't always give the right answer.

Lesson 3

- » Choose browsers that **warn** users before they enter an **unsafe site** or download a **harmful app**.
- » **If you get a warning message:**
 - 1 Avoid dealing with that site again.
 - 2 Talk to your teacher or a family member.
- » Some browsers have search engines set up just for children:

SUMMARY of Unit 2

- ① They show only **results** that are **age-appropriate**.
 - ② They also include a **parental control** app.
 - ③ They include helpful **safety tips for children**.
- » There are **websites** that include **filters** to avoid inappropriate videos.
 - » You can search **smartly** using words or images.
 - » If you are looking for information about **an image**, you can search by the **image**.
 - » Putting the (+) sign before a word: to **include** the word.
 - » Putting the (-) sign before the word: to **avoid** the word.
 - » Putting a phrase inside the quotation marks " " **narrows** your search to the **exact** result.
 - » Choosing short periods for internet browsing helps you keep a healthy balance between screen time and daily life.
 - » Benefits of limiting your screen time:
 - » Reduces eye strain.
 - » Helps you stay active.
 - » Improves concentration.
 - » Gives you more time for useful activities, such as Reading and exercising.

Lesson 4

»» Bullying:

It's when someone repeatedly posts or sends hurtful messages about you.

»» How to avoid online bullying:

- 1 Block the person who is bullying you.
- 2 Ask your teacher or a family member for help.
- 3 Contact the Department of Combating Internet Crimes.

»» Some methods of online scam:

1 Phishing:

It's sending fake messages or emails that look like they are from a trusted source to steal your personal information, such as passwords or bank card details.

2 Identity Theft:

It is stealing and using your personal information, such as your email, phone number, address, or social media account.

3 Identity Impersonation:

It's pretending to be another person or a trusted organization to trick you into sending money or sharing sensitive information.

»» Internet problems are common, so:

- 1 You must always protect your personal data.
- 2 Do not deal with unknown people.
- 3 Ask a family member for help.

Lesson 5

»» It is important to have strong passwords.

»» To create a strong password:

- 1 Use different passwords for your accounts.
- 2 Use a password manager or a list to remember your passwords.

SUMMARY of Unit 2

- ③ A password **shouldn't include** personal details.
 - ④ It should include at least 8 characters.
 - ⑤ It should include letters, numbers, and special characters (#,@).
- » You should use **antivirus** software to protect your devices because **it** can do the following:
- ① It **catches (detects)** viruses and harmful programs.
 - ② It can also **fix** damaged files.

Lesson 6

- » To create a digital report you can use:

① PowerPoint:

- » The PowerPoint program is used to create presentations.
- » You can add text, pictures, and fun sound effects to your digital report.
- » You can present your information in a clear and attractive way.



② Video Conference:

- » It allows real-time (instant) communication between people using computer accessories, such as a camera and microphone.
- » There are many devices that come with a built-in camera, such as portable devices: laptops, mobile phones, and tablets.

③ Poster:

- » You can create a poster that includes the report you have prepared.
- » When preparing the poster, choose fun colors, drawings, photos, and cutouts.
- » Make sure the text is easy to read.
- » Make sure the font sizes of headings and subheadings are consistent.
- » Always remember to credit the sources of the information you obtained.

Model Exam

1

1 Choose the correct answer:

- Online communication uses various devices, including
a. computers b. phones c. tablets d. all of them
- Personal information includes your
a. name b. passwords
c. phone number d. all of them (الإسماعيلية 2025)
- When searching for a specific sentence, we put this sentence between
a. + b. - c. " " d. @ (سوهاج 2023)
- When someone uses your personal information, this is
a. bullying b. identity theft
c. a spam d. a virus (الإسكندرية - المنتزه أول 2025)
- If you enter an unsafe website accidentally, you should
a. ignore it b. explore it
c. leave it d. download it

2 Put (✓) or (X):

- There is special video software that you can download to make your video more efficient. () (المنيا - مغاغة 2024)
- You cannot search using images instead of words. () (الجيزة - بولاق الدكرور 2024)
- Using your birth date in a password makes it strong. () (الأقصر 2023)
- The Internet helps us find the information we want. () (القاهرة - عين شمس 2024)
- The General Department for Combating Internet Crimes can help protect you from cyberbullying. () (الإسكندرية - المنتزه أول 2025)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Banned sites	a. means identifying someone in an online post, image, or video.
2 Tagging	b. is a repeated, unkind behavior towards someone.
3 A virus	c. is a harmful small program that infects your device.
4 Personal information	d. may include your address or your name.
5 Bullying	e. may contain inaccurate, immoral, or harmful content.

1 2 3 4 5

Model Exam

2

1 Choose the correct answer:

- is a repeated, unkind behavior towards someone.
a. Hacking b. Identity theft
c. Bullying d. Piracy (الإسكندرية - إدارة وسط 2024)
- Online communication includes
a. instant messages b. emails c. forums d. all of them
- It is possible that there are viruses on your device if you
a. click on unknown links b. browse the EKB
c. read books d. send an email (الشرقية 2024)
- If you are looking for a specific sentence, put this sentence within the marks.
a. == b. -- c. " " d. ++ (أبناؤنا في الخارج 2025)
- You should check your on social media sites.
a. privacy settings b. friends list c. posts d. likes

2 Put (✓) or (X):

- 1 Using the "+" sign before a word helps exclude it from the search results. ()
- 2 The password "123abc" is considered a strong password. (الإسماعيلية 2025) ()
- 3 All Google search results are always accurate. ()
- 4 Don't visit banned sites; they may publish inaccurate, immoral materials. (السويس 2024) ()
- 5 Tagging someone without their permission is acceptable. ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Instant messaging	a. prevents unwanted people from viewing your posts.
2 Blocking	b. means identifying a person in your post.
3 A poster	c. protects your device from viruses.
4 Antivirus	d. is one of the ways to communicate with your friends.
5 The tag	e. uses texts with fun colors and drawings.

1 2 3 4 5

Model Exam

3

1 Choose the correct answer:

- 1 When you use the Internet, don't go to sites.
 - a. banned
 - b. sports
 - c. food
 - d. educational (الإسكندرية - برج العرب 2024)
- 2 Some individuals communicate online to steal your
 - a. personal information
 - b. games
 - c. food
 - d. phone (الشرقية - ههيا 2023)

REVISION on Unit 2

- 3 If you want to ignore the results with a keyword, type before the word. (الجيزة - حدائق أكتوبر 2025)
- a. (-) b. (+) c. (/) d. (*)
- 4 The program protects your devices from risks that may harm it.
- a. Word b. PowerPoint
- c. MS Excel d. antivirus (الإسكندرية - المنتزه ثانٍ 2024)
- 5 If it is difficult for you to remember all your passwords, you can use
- a. a password manager b. antivirus
- c. PowerPoint d. Excel (الجيزة - الصف 2024)

2 Put (✓) or (X):

- 1 You must ask for permission before posting any information related to your friends. (الإسكندرية - المنتزه ثانٍ 2025) ()
- 2 Personal computers and laptops are considered ICT tools. (الإسكندرية - شرق 2025) ()
- 3 Viruses can track your information. (سوهاج 2023) ()
- 4 You should choose a browser that sends warnings to the user. (الإسكندرية - المنتزه أول 2025) ()
- 5 When you block someone, they can see your posts. (الإسماعيلية 2025) ()

3 Complete the following sentences with the suitable words between the brackets:

(kids search – strong passwords – download – eye strain – Antivirus)

- 1 software is used to protect your files on the computer from damage. (البحيرة - دمنهور 2025)
- 2 Using a engine is one of the ways for kids to search online.
- 3 The positive effect of ICT tools is that you can videos and images.
- 4 Spending too much time using technology causes (الغربية - طنطا 2024).
- 5 You can protect your personal accounts by creating (بورسعيد 2025).

Model Exam

4

1 Choose the correct answer:

- 1 When searching for information online, you should not enter websites because they might be harmful.
 a. accurate b. banned c. safe d. trusted
 (أبناؤنا في الخارج 2025)
- 2 It is necessary that your password contains letters,
 a. numbers, and special symbols b. your name, and address
 c. your family name, and address d. data theft
 (الإسكندرية - المنتزه ثانٍ 2025)
- 3 The advantages of ICT tools include
 a. bullying your friends b. helping people of determination
 c. excess usage of electronic devices d. data theft
 (الإسكندرية - المنتزه ثانٍ 2025)
- 4 is the fun way to present your ideas to others
 a. PowerPoint b. Word c. Excel d. Paint
 (الإسكندرية - المنتزه أول 2025)
- 5 is preventing someone from accessing your posts or contacting you.
 a. Tagging b. Blocking c. Spam d. Personal data
 (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (X):

- 1 When you tag someone, they can't see your post. (القليوبية 2025) ()
- 2 The overuse of technology devices may cause eye strain and headaches. (الغردقة 2025) ()
- 3 To ensure that your search includes certain words, use the sign (-). ()
- 4 You can download files on your device without an Internet service. (الإسكندرية - المنتزه أول 2024) ()
- 5 Saving videos on your device is called downloading. (الإسكندرية - العجوي 2025) ()

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Cyberbullying	a. is when someone uses your personal information without permission.
2 Your personal information	b. presents your ideas through bright colors, graphics, images, and shapes.
3 Antivirus programs	c. help you protect your device.
4 Identity theft	d. include your name, address, and birthdate.
5 An advertising poster	e. is when someone repeatedly send hurtful messages to someone.

1 2 3 4 5

Model Exam

5

1 Choose the correct answer:

- It is necessary to have a/an program on your electronic device to protect it. (أبناؤنا في الخارج 2025)
 - Word
 - Excel
 - Paint
 - antivirus
- Your address, name, and school name are examples of your
 - public data
 - personal information
 - social details
 - none of them
- One of the negative effects of using ICT tools is (الجيزة - العمرانية 2025)
 - eye strain
 - downloading videos
 - updated news
 - downloading images
- A strong password should contain at least characters.
 - 4
 - 6
 - 8
 - 10

- 5 You shouldn't communicate with on social media sites.
- your school friends
 - a friend of yours
 - your relatives
 - an unknown person who wants you to share your information

2 Put (✓) or (X):

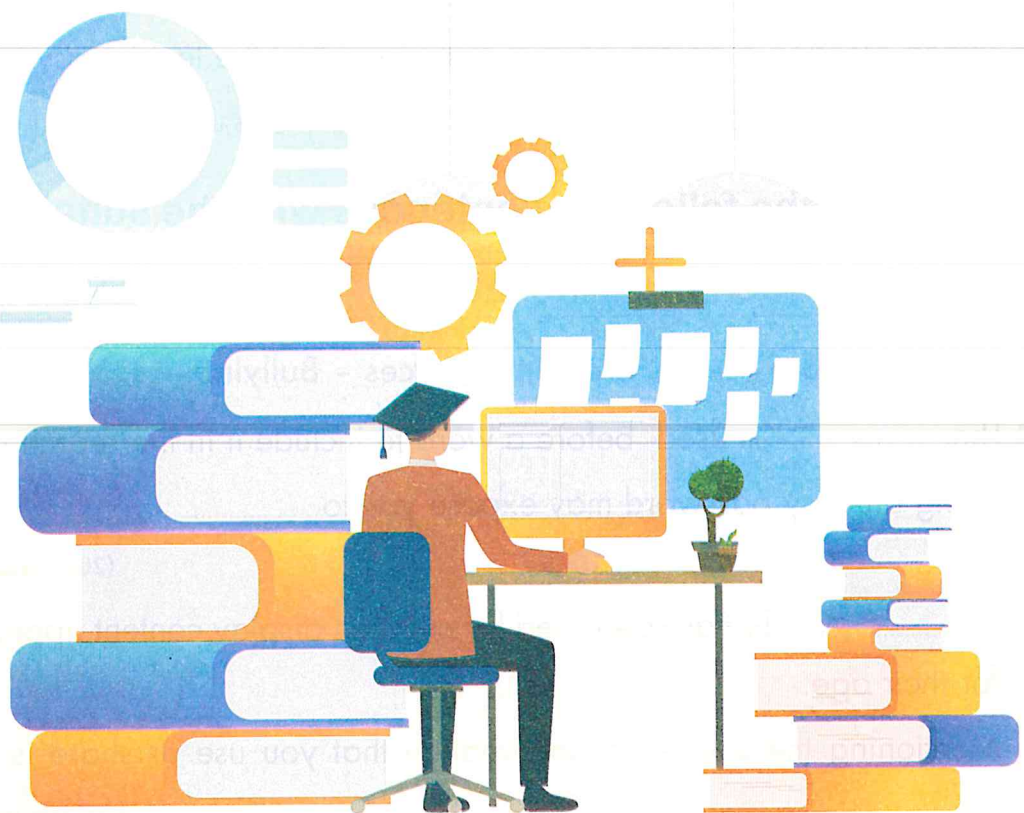
- Always respect the law when using the Internet.
(الإسكندرية - المنتزه أول 2025) ()
- Bullying is a repeated, unkind behavior towards someone. ()
- You have to check the website before you download a file.
(الإسكندرية - وسط 2025) ()
- When publishing information on the Internet, the source of information must not be mentioned.
(قنا 2025) ()
- When creating a poster, always make sure that the text is easy to read.
(الإسكندرية - المنتزه أول 2024) ()

3 Complete the following sentences with the suitable words between the brackets:

(hacking - Browsers - crediting sources - Bullying - «+» sign)

- The is used before a word to include it in the search results.
- Using an easy password may expose you to
(الغريبة-طنطا 2025)
- that are designed for children display content appropriate for their age.
(البحيرة - دمنهور 2025)
- Mentioning the sources of information that you use or share is called
(الغريبة - طنطا 2025)
- is a person's behavior in a bad manner towards another person repeatedly.
(قنا 2025)

Final Exams



1 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (A)

1 Choose the correct answer:

- 1 You received unknown video from someone you don't know on your social media account, you must
 - a. download the file to see it
 - b. tell your parents and don't open the file
 - c. tell all your friends
 - d. open the file then tell your parents
- 2 program that used to write and format text and insert images.
 - a. Windows
 - b. Google Chrome
 - c. Word
 - d. PowerPoint
- 3 is a device used to insert text and images from paper to computer.
 - a. Scanner
 - b. Microphone
 - c. Mouse
 - d. Speaker
- 4 is when a person behaves badly towards another person repeatedly.
 - a. Critical thinking
 - b. Bullying
 - c. Collaborative
 - d. Experiments exchange
- 5 is considered as a necessary to run the computer.
 - a. Google Chrome
 - b. Operating system
 - c. Microsoft Word
 - d. Presentation
- 6 help(s) people with trouble hearing.
 - a. Hearing aids
 - b. Keyboard
 - c. Printer
 - d. Microphone
- 7 You can use to discover magnetic things buried under the ground.
 - a. Ground Penetrating Radar
 - b. satellites
 - c. drones
 - d. magnetometer
- 8 You can protect your personal accounts via the Internet by creating
 - a. strong password
 - b. personal data
 - c. home
 - d. birthdate

- 9 is from the input units.
 a. microphone b. speaker c. display screen d. printer
- 10 The symbol is used when conduct research on the Internet before the words you want to ignore in your result.
 a. (-) b. (+) c. (#) d. (/)

2 Put (✓) or (X):

- 1 PowerPoint doesn't allow you to make brightly colored advertising posters. ()
- 2 You must know who you are chatting with through the Internet. ()
- 3 Specialized Kids browsers display results for their age-appropriate. ()
- 4 It's necessary to use ICT tools in an ethical manner. ()
- 5 Hearing aids help people with poor vision (visual impaired). ()
- 6 Anti-virus software is used to protect your files on your computer from damage. ()
- 7 ICT tools help search about information through the Internet. ()
- 8 PowerPoint doesn't allow you to add video to slides. ()
- 9 Harmful and inappropriate posts are considered a form of cyberbullying. ()
- 10 It is important to have a strong password to protect your online accounts. ()

2 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (B)

1 Choose the correct answer:

- 1 is repeated bad behavior towards someone.
 a. Brainstorming b. Bullying
 c. Cooperation d. Exchange experience
- 2 If you feel uncomfortable, you can the one who bully you.
 a. block b. share c. send d. like
- 3 is from the input units.
 a. Microphone b. Speakers c. Display screen d. Printer

- 4 The is used to enter text and photo from paper to computer.
 - a. scanner
 - b. microphone
 - c. mouse
 - d. printer
- 5 The depends on satellites to determine the places of things.
 - a. magnetometer
 - b. Ground Penetrating Radar
 - c. drone
 - d. GPS
- 6 The help(s) poor vision for deal with and zoom the screen.
 - a. hearing aids
 - b. screen magnification software
 - c. sporting tools
 - d. alternative communication software
- 7 You take photos by using
 - a. magnetometer
 - b. (GPS)
 - c. Ground Penetrating Radar
 - d. drone
- 8 To solve the problem of screen freezes (doesn't display information) press together.
 - a. Alt + Ctrl + Del
 - b. Alt + Shift
 - c. Alt + F8
 - d. Del + F10
- 9 is a device used to output sounds from computer.
 - a. Speaker
 - b. Microphone
 - c. Keyboard
 - d. Printer
- 10 is considered as a necessary to run the computer.
 - a. Google Chrome
 - b. Microphone
 - c. Microsoft Word
 - d. Operating system

2 Put (✓) or (x):

- 1 Spam message is an unwanted messages that include advertise about product received from unknown address. ()
- 2 Text message and instant messages are used to communicate with friends. ()
- 3 Hearing aids help people who have poor vision. ()

- 4 You can mention a friend on social media by using "tag" feature. ()
- 5 Specialized kids Browsers display results for their age-appropriate. ()
- 6 The password "756VtM!@QdvL" is from a strong password. ()
- 7 Personal computer and laptop considered to be from the ICT tools. ()
- 8 To solve the problem of mouse not working, buy new keyboard. ()
- 9 You can post information about friends on social media without their permission. ()
- 10 Safety browsers send alerts to users when they try enter an unsafe site. ()

3 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (C)

1 Choose the correct answer:

- 1 is from the negative effects of using ICT tools.
 - a. Access information easily
 - b. Communicate with friends anytime anywhere
 - c. Eye strain and headache
 - d. Access latest news
- 2 is considered as a necessary to run the computer.
 - a. google chrome
 - b. operating system
 - c. Microsoft word
 - d. presentation
- 3 is a used to output sounds from the computer.
 - a. Speakers
 - b. Microphone
 - c. Keyboard
 - d. Printer
- 4 is a feature that is used to mention one of your friends on social media.
 - a. Tag
 - b. Send
 - c. Share
 - d. like
- 5 The program is used to write texts, format them, and insert images.
 - a. Google Chrome
 - b. Word program
 - c. Windows
 - d. PowerPoint

- 6 Which of the following program consider the best to express data in chart
 a. PowerPoint b. Paint c. Word d. Excel
- 7 To solve the problem of screen freezes (doesn't display information) press together.
 a. Alt + Ctrl + Del b. Alt + Shift
 c. Alt + F8 d. Del + F10
- 8 You can take photo by using
 a. magnetometer b. (GPS)
 c. Ground Penetrating Radar d. drone
- 9 allows the blind people to use the computer.
 a. Braille terminal system b. Mouse
 c. Keyboard d. Printer
- 10 If you feel uncomfortable, you can the one who bully you.
 a. block b. share c. send d. like

2 Put (✓) or (X):

- 1 Paint program is from the useful tools used to collect and express data. ()
- 2 Surveys are considered as the most common sources for collecting data. ()
- 3 To solve the problem of mouse not working, buy new keyboard. ()
- 4 You must use ICT tools in an ethical way. ()
- 5 Personal computer and laptop are from ICT tools. ()
- 6 It is important to have a strong password to safe your online accounts. ()
- 7 Hearing aids help people who have poor vision. ()
- 8 Viruses are useful software for your computer. ()
- 9 Bullying is repeated unkind behavior towards someone. ()
- 10 PowerPoint program is one of the operating system programs. ()

4 (A) 2026 محافظة القاهرة - إدارة عين شمس التعليمية

1 Put (✓) or (X):

- 1 A strong password should be at least eight characters. ()
- 2 Make sure not to contact anyone you don't know. ()
- 3 Banned sites may publish accurate, moral, and useful material. ()
- 4 When you tag someone, they can see your post. ()
- 5 Your school name is considered personal information. ()
- 6 There are two types of books: printed and digital. ()
- 7 Restarting the device helps to solve most problems. ()

2 Choose the correct answer:

- 1 is a 3D ground scanner used to detect metals.
a. GPS b. Drones c. Rover C4 d. satellite
- 2 One of the devices that is used during video calls is the
a. printer b. scanner c. camera d. speaker
- 3 is considered one of the necessary software to run the computer.
a. Google Chrome b. Operating system
c. Word d. PowerPoint
- 4 People who have trouble hearing can use
a. hearing aids b. screen zoom
c. sporting tools d. printer
- 5 If you downloaded a file from the Internet to your PC, you can find it in
a. Links b. Pictures c. Documents d. Downloads
- 6 After analyzing the data, you can
a. collect b. share c. graph d. spam
- 7 Your includes your name, address, and your date of birth.
a. personal data b. link
c. download d. spam
- 8 ICT tools have and negative effects.
a. download b. positive c. normal d. none of them

5 (B) محافظة القاهرة – إدارة عين شمس التعليمية 2026

1 Put (✓) or (x):

- 1 Use the same password for all your accounts. ()
- 2 You can ask your teacher for help in solving problems you face online. ()
- 3 The (+) sign is used to get unwanted results in the search process on the Internet. ()
- 4 You should go on banned sites. ()
- 5 You can download files on your device without the Internet. ()
- 6 It is safe to click on links that you are unsure of. ()
- 7 If the app still doesn't open, restart your computer and try again. ()

2 Choose the correct answer:

- 1 To locate the places that I am interested in visiting, use
 a. passwords b. GPS c. digital blogs d. browsers
- 2 A is used to print the text and images on paper.
 a. screen b. printer c. scanner d. speaker
- 3 helps people of determination in their daily life.
 a. Keyboard b. Screen
 c. Assistive technology d. Mouse
- 4 You can use to write school reports and homework.
 a. MS PowerPoint b. MS Word c. MS Excel d. a browser
- 5 You can collect data from a variety of sources, such as
 a. social media b. records c. links d. none of them
- 6 Before downloading any file, always check the is trusted.
 a. file size b. website c. speed d. file name
- 7 Viruses can your files.
 a. damage b. block the speakers
 c. connect to the Internet d. help
- 8 Spending a lot of time using technology can cause
 a. happiness b. headaches c. activity d. health

6

محافظه القاهرة - إدارة عين شمس التعليمية 2026 (C)

1 Put (✓) or (X):

- 1 You must get the permission of someone who you want to tag. ()
- 2 You will be safe online if you share your personal data. ()
- 3 Graphs are a good way to display and compare results. ()
- 4 If the screen freezes, press and hold "Ctrl, Alt, and Home". ()
- 5 If you can't find a file, you should restart your computer. ()
- 6 The operating system is not necessary to deal with the computer. ()
- 7 GPS uses radar to find object buried underground. ()

2 Choose the correct answer:

- 1 The Rover C4 is a scanner.
a. 2D b. 3D c. Audio d. Visual
- 2 The allows blind people to use computer.
a. email b. printer c. keyboard d. Braille terminal
- 3 The software helps people with poor vision.
a. keyboard b. mouse
c. screen magnification d. sporting tools
- 4 You can solve the problem when the screen stops displaying information by
a. Ctrl + Alt + Del b. Alt + Shift
c. Alt + F8 d. F10 + Del
- 5 The best software that can be used to analyze data is
a. Google Chrome b. Excel c. Paint d. Word
- 6 When you are creating a poster, make sure the text is
a. too big b. too small c. easy to read d. none of them
- 7 Some files on the Internet may have that can damage your computer.
a. information b. viruses c. data d. photos
- 8 The password that contains your birth date is
a. strong b. safe c. weak d. spam

7 محافظة الجيزة – إدارة 6 أكتوبر التعليمية 2026 (A)

1 Put (✓) or (X):

- 1 Hearing aids help people with poor vision. ()
- 2 A strong password includes letters only. ()
- 3 We can make a graph using Excel program. ()
- 4 Satellite are used underground. ()
- 5 When you block someone they can see your posts. ()
- 6 All computer devices have the same shape. ()
- 7 Viruses can track your information. ()

2 Choose the correct answer:

- 1 The first step of solving any problem is the data.
a. graphing b. collecting c. analyzing d. reviewing
- 2 You should make sure that only can view your information.
a. your friends b. your family c. strangers d. both a and b
- 3 When you download a file, you save it on the
a. Internet b. cloud c. computer d. all of them
- 4 Spending a lot of time using technology makes you feel
a. happy b. lazy c. active d. healthy
- 5 The Rover C4 is a scanner.
a. 2D b. 3D c. Audio d. Visual
- 6 The most important element of the computer system is the
a. mouse b. CPU c. user d. screen
- 7 It is better to choose password for your accounts on the sites.
a. different b. identical c. similar d. random

[Banned sites - GPR - Windows - Antivirus - negative - Assistive technology]

- 1 Headaches and eye strain are considered effects of ICT tools.
- 2 is considered one of the operating system.
- 3 may publish inaccurate immoral and harmful material.
- 4 helps people of determination.
- 5 Always use software to protect your devices.
- 6 The can discover object buried underground.

8 محافظة الجيزة – إدارة 6 أكتوبر التعليمية 2026 (B)

- The device is used to detect coins underground.
a. satellite b. Global Positioning System (GPS)
c. drone d. Ground Penetrating Radar(GPR)
- device helps non-speaking people to use the computer.
a. Speech synthesizer b. Microphone
c. Speaker d. Printer
- is one of the components of the computer responsible for controlling and processing data.
a.Keyboard b. Central Processing Unit (CPU)
c. Operating System d. Word Program
- You can solve the problem of the screen stopping displaying information by pressing the keys together.
a. Ctrl +Alt+ Del b. Alt+Shift c. Alt+F8 d. F10+Del
- Which of the following programs is the best for representing data graphically?
a. PowerPoint program b. Paint program
c. Word program d. Excel program

- 6 When unknown person send you a warning message through the Internet, you must
 a. ask your parents for help b. open the message
 c. add him as friend d. share the message on the Internet
- 7 The program is used to write and format texts and insert image.
 a. Word b. Google Chrome
 c. Power Point d. Windows
- 8 C4 is used to find objects underground.
 a. GPS b. Rover c. Radar d. Phone
- 9 The speaker is an example of an device.
 a. input b. output c. software d. storage
- 10 is/are used to enlarge everything on the computer screen.
 a. Printer b. Keyboard
 c. Hearing aids d. Screen magnification

2 Put (✓) or (X):

- 1 Hearing aids are an aid for people with visual impairments. ()
- 2 To solve the problem of a malfunctioning mouse, a new keyboard is purchased. ()
- 3 You must ensure that the information collected about any problem is correct. ()
- 4 Computers and smartphones are used to communicate over the Internet. ()
- 5 You must use ICT tools in an ethical way. ()
- 6 It is not important to credit sources when share on social media. ()
- 7 The minus (-) sign is used to include more words. ()
- 8 Specialized kids browsers display results for their age appropriate. ()
- 9 Your password should include your name. ()
- 10 Viruses are useful software for your computer. ()

1 Put (✓) or (X):

- 1 To solve the problem of mouse not work, buy new key board. ()
- 2 People of determination use assistive technology in their daily life. ()
- 3 You can get eye strain and headaches from using the devices too long. ()
- 4 The keyboard used to enter letters and numbers to computer. ()
- 5 Specialized Kids browsers display results for their age appropriate. ()
- 6 You must share your personal data to all users to see and save them. ()
- 7 One of the common source to collect data is survey. ()
- 8 You can ask your teacher to help solve the problems that faces you through the Internet. ()
- 9 Viruses is from useful program to computer. ()
- 10 You must be sure about the accuracy of the information you collected about any phenomenon or problem. ()

2 Choose the correct answer:

- 1 The Central Processing Unit (CPU) is used to process
 a. Key board b. data c. Screen d. mouse
- 2 To solve the problem of screen freezes (doesn't display information) press together.
 a. Alt+ ctrl + Del b. Alt + Shift
 c. sporting tools d. Del+ F10
- 3 The help(s) poor vision to deal with and zoom the social.
 a. hearing aids
 b. screen magnification software
 c. sporting tools
 d. alternative communication software

- 4 feature is used to mention one of your friends on social media.
 a. Tag b. Send c. Share d. Like
- 5 Which of the following programs is better in representing data by charts?
 a. PowerPoint b. Paint c. Word d. Excel
- 6 is from input units.
 a. Microphone b. Speech synthesizer
 c. Screen d. Printer
- 7 The symbol is used when conduct research on the Internet before the words you want to ignore in your result.
 a. (-) b. (+) c. (#) d. (/)
- 8 You can use to determine things under the ground.
 a. drone b. photography
 c. Ground Positioning System (GPS)
 d. Ground Penetrating Radar
- 9 One of your friend sent you a scary and strange photo, you must
 a. send photo to all your friends
 b. tell your parents to help you
 c. copy the photo to your device
 d. send thanks to the sender
- 10 is repeated bad behavior towards someone.
 a. Brainstorming b. Bullying
 c. Cooperation d. Exchange experience

10 (A) محافظة الإسكندرية – إدارة وسط التعليمية 2026

Put (✓) or (X):

- 1 The keyboard is used to enter letters and numbers to computer. ()
- 2 It is not important to credit sources when share on social media. ()
- 3 Specialized Kids browsers display results for their age-appropriate. ()

- 2 Choose the correct answer:**

- 140- ICT Prim. 4 – First Term

- 7 feature is used to mention your friends on social media sites.
 a. Share b. Tag c. Send d. Like
- 8 is from input units.
 a. Sound b. Speech synthesizer
 c. Printer d. Microphone
- 9 means that someone can access to your computer through the Internet.
 a. Curiosity b. Piracy c. Share d. Bullying
- 10 You can protect your personal accounts via the Internet by creating a
 a. home b. personal data
 c. strong password d. birthdate
- 11 If you feel uncomfortable, you can the one who bully you.
 a. send b. share c. like d. block
- 12 The is consider one of the operating system.
 a. Windows b. Google c. PowerPoint d. Word

11 محافظة الإسكندرية - إدارة العجمي التعليمية 2026

Choose the correct answer:

- 1 A video was sent to you by someone you don't know, so you should
 a. download the file to watch b. tell all your classmate
 c. tell your parents d. open it
- 2 is a program used to write documents.
 a. Image b. Download
 c. Paint d. Word
- 3 One of the effect of using ICT is easy access to required formation.
 a. program b. positive c. devices d. negative
- 4 is someone using your personal information badly.
 a. Cooperation b. Identity theft
 c. Exchange experience d. Software update

- 5 Symbol is used for the word you want in your searching result.
 a. * b. = c. + d. -
- 6 One of the solution when the application doesn't work is
 a. making personal data valuable
 b. update program
 c. tell friends
 d. documents
- 7 is used to find metal coins underground.
 a. Printer b. Mouse c. Magnetometer d. Satellite
- 8 is used to output sounds from the computer.
 a. Mouse b. Data c. Image d. Speaker
- 9 To search a picture on the computer, we search in the folder.
 a. documents b. image c. scanner d. word
- 10 help(s) people who have trouble hearing.
 a. Printer b. Sporting tools
 c. Hearing aids d. Scanner

2 Put (✓) or (X):

- 1 You should make your personal data available for all users to see. ()
- 2 The operating system is not necessary to run a computer. ()
- 3 Google is one of the reliable source of information. ()
- 4 Viruses are useful software for the computer. ()
- 5 To search for an exact sentence, we put it between quotation mark. ()
- 6 When you blocking someone, he can't see your posts. ()
- 7 The GPS system relies on satellite to determine location. ()
- 8 Computer is an electronic device that store and process data. ()
- 9 When the keyboard isn't typing we can restarting the computer. ()
- 10 After collecting data, we can analyze it. ()

12 (A) محافظة الإسكندرية – إدارة المنتزة أول التعليمية 2026

1 Put (✓) or (X):

- 1 Assistive technology enables people of determination to do their work. ()
- 2 Information and Communication Technology tools help you search for information on the Internet. ()
- 3 The personal computer and laptop are considered ICT tools. ()
- 4 Surveys are among the most common sources for collecting data. ()
- 5 Entertainment videos and press interviews are credible or reliable sources for collecting data. ()
- 6 To solve the problem of a malfunctioning mouse, a new keyboard is purchased. ()
- 7 The Paint app is one of the useful digital tools for analyzing and graph data. ()
- 8 A keyboard is used to input letters and numbers into a computer. ()
- 9 Screen magnification software enables hearing-impaired individuals to interact with a computer. ()
- 10 Your personal data must be available for all users to see and keep. ()

2 Choose the correct answer:

- 1 The device relies on satellites to locate objects.
 a. magnetometer b. Ground Penetrating Radar
 c. drones d. Global Positioning System (GPS)
- 2 is used to output sounds from the computer.
 a. Speaker b. Microphone
 c. Keyboard d. Printer
- 3 The program is considered one of the operating system programs.
 a. Windows b. Google c. Word d. PowerPoint

Final Exams

- 4 The Central Processing Unit (CPU) processes
a. keyboard b. data c. screen d. control mouse
- 5 The application is one of the programs that allows you to browse the Internet.
a. Google Chrome b. Windows c. Word d. PowerPoint
- 6 When someone you do not know sends you a warning message over the Internet, you should
a. ask your parent for help
b. open the message
c. send a friend request to the sender
d. publish the message online
- 7 help(s) people with hearing impairments.
a. Medical hearing aids b. Keyboards
c. Printers d. Screen magnification software
- 8 Which of the following programs is the best for representing data graphically?
a. PowerPoint b. Paint program
c. Word data processing d. Excel spreadsheet program
- 9 is one of the negative effects of using ICT tools.
a. Obtaining information easily
b. Communicating with friends
c. Eye strain and headache
d. Viewing the latest news
- 10 Photographs can be taken using
a. magnetometer b. (GPS)
c. Ground Penetrating Radar d. drones

13 محافظة الإسكندرية – إدارة المنتزة أول التعليمية 2026 (B)

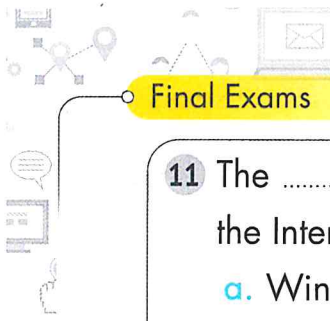
1 Put (✓) or (X):

- 1 The Radar device is used to discover coins under the ground. ()
- 2 Braille terminal helps blind people to use the computer. ()

- 3 The Windows is considered one of the operating system. ()
- 4 Assistive technology allows people of determination in their daily tasks. ()
- 5 ICT tools help search about information through the Internet. ()
- 6 One of the common sources is to collect data is survey. ()
- 7 You must share your personal data to all users to see and save them. ()
- 8 You must use ICT tools in an ethical way. ()

2 Choose the correct answer:

- 1 You can take photos by using
a. magnetometer b. drone c. Radar
- 2 is from input units.
a. Keyboard b. Printer c. Screen
- 3 The Central Processing Unit (CPU) is used to process
a. keyboard b. data c. screen
- 4 The help people with trouble hearing.
a. hearing aids b. printers c. keyboards
- 5 To solve the problem of screen freezes (doesn't display information) press together.
a. ALT+CTRL+DEL b. Alt+Shift c. Alt+F8
- 6 Which of the following program is considered the best to express data in chart?
a. Power point b. Word c. Excel
- 7 The depend on discovering metals buried under the ground.
a. satellite b. drone c. magnetometer
- 8 feature is used to mention one of your friends on social media.
a. Tag b. Send c. Share
- 9 is repeated bad behavior towards someone.
a. Brainstorming b. Bullying c. Cooperation
- 10 If you feel uncomfortable, you can the one who bully you.
a. block b. share c. send



Final Exams

- 11 The application is one of the programs that used to browse the Internet.
- a. Windows
 - b. Google chrome
 - c. PowerPoint
- 12 The is used to help nonverbal people to use computer.
- a. speech synthesizer
 - b. speaker
 - c. printer

14 محافظة الإسكندرية - إدارة برج العرب التعليمية 2026

1 Choose the correct answer:

- 1 You can use to determine things under the ground.
- a. drone
 - b. photography
 - c. (GPS)
 - d. Ground Penetrating Radar
- 2 is used to output sounds from your computer.
- a. Speaker
 - b. Microphone
 - c. Keyboard
 - d. Printer
- 3 The help(s) people who with trouble hearing.
- a. printer
 - b. Braille terminal system
 - c. keyboard
 - d. hearing aids
- 4 is from the essential program to run a computer.
- a. Google Chrome
 - b. Operating system
 - c. Microsoft Word
 - d. PowerPoint
- 5 Which of the following programs is best for graphically representing data?
- a. Power point
 - b. Word
 - c. Excel
 - d. Paint

- 6 When unknown person sends you a warning message through the Internet, you must
 a. ask your parents for help b. open the message
 c. add him as friend d. share the message on the Internet
- 7 feature is used to mention your friends on social media sites.
 a. Like b. Tag c. Share d. Send

2 Put (✓) or (X):

- 1 Assistive technology allows people of determination in their daily tasks. ()
- 2 Software Update is one of the suggested solution to solve the problem of an app not open. ()
- 3 Scanner is used to print images from the computer onto paper. ()
- 4 It is not necessary to know the identity of the person you are chatting with online. ()
- 5 Surveys and experiments are the most common sources of data collection. ()
- 6 Spam is emails that come to you from an unknown email address and contain an advertisement. ()
- 7 You can get eye strain or headaches from using your devices too long. ()
- 8 Your personal data must be available for all users to see and keep. ()

15 محافظة الإسكندرية – إدارة الجمرک التعليمية 2026

1 Put (✓) or (X):

- 1 Your personal data should be available for all users to view and store. ()
- 2 You can get eye strain or headaches from using your devices too long. ()
- 3 You can post information about your friends on social media without their permission. ()

-

2

7 help(s) the visually impaired to interact with and enlarge a computer screen.

- a. Earphones
- b. Screen magnification software
- c. Sports equipment
- d. Communication tools

8 is a software used to write, format, and insert images.

- a. PowerPoint
- b. Windows
- c. Word
- d. Google Chrome

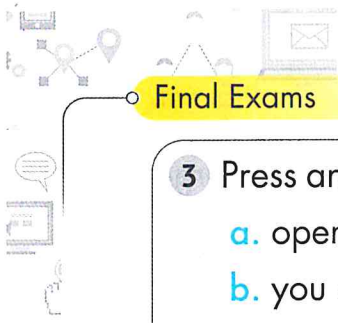
16 (A) محافظة القليوبية 2026

1 Put (✓) or (X):

- 1 Tourists can use GPS to determine locations while traveling. ()
- 2 All computer devices have the same shape. ()
- 3 The speech synthesizer allows blind people to use computer. ()
- 4 The magnetometer is used to detect coins underground. ()
- 5 Microsoft Word is a type of software. ()
- 6 Hearing aids help people with poor vision. ()
- 7 Using the search box help you find any file on your Pc. ()
- 8 You shouldn't go on banned sites. ()

2 Choose the correct answer:

- 1 is repeated, unkind behavior towards someone.
 - a. Spam
 - b. Bullying
 - c. Blocking
- 2 You shouldn't communicate with on social media.
 - a. an unknown person
 - b. a friend of yours
 - c. your school friend



Final Exams

- 3 Press and hold the "Ctrl" + "Alt" + "Del" buttons together when
a. opening apps
b. you cannot find a file
c. the screen freezes
- 4 To search for an exact sentence, we put the sentence between
a. @ @ b. " " c. &&
- 5 To access websites online, you can use
a. Excel b. a browser c. PowerPoint
- 6 In case you couldn't open an application, you should
a. restart your device
b. replace the mouse
c. replace the keyboard
- 7 The component responsible for entering the data into a computer is the
a. CPU b. keyboard c. printer

17 محافظة القليوبية 2026 (B)

1 Put (✓) or (X):

- 1 Viruses are useful software for your computer. ()
- 2 The CPU is used to process data. ()
- 3 Add (+) before the words you need to be included in your search. ()
- 4 It is important to have a strong password to protect your online accounts. ()
- 5 Excel is a Microsoft program that creates presentations. ()
- 6 Headache and eye strain are two of the negative effects of ICT. ()
- 7 Screen magnification software can enlarge everything on a computer screen. ()
- 8 A microphone, camera, and mouse are output devices. ()

2 Choose the correct answer:

- 1 The measures the magnetic field.
a. drone b. GPS c. magnetometer
- 2 terminal is a way to read text for blind people by touch.
a. A microphone b. Braille c. A screen
- 3 Some individuals communication online to steal your
a. personal information
b. games
c. repots
- 4 Windows is a type of
a. hardware b. data c. operating system
- 5 Saving a file from the Internet on your computer is called
a. share b. upload c. download
- 6 Banned websites may contain content.
a. harmful b. inaccurate c. all of them
- 7 A is a common graph for presenting information.
a. line graph b. circle graph c. bar graph

18 محافظة القليوبية 2026 (C)

1 Put (✓) or (X):

- 1 Hearing aids help people with poor vision. ()
- 2 Using the search box helps you find any file on your PC. ()
- 3 Headache and eyestrain are two of the negative effects of ICT. ()
- 4 Microsoft Word is a type of hardware. ()
- 5 A microphone, camera, and mouse are output devices. ()
- 6 Assistive technology is a technology that helps people with determination. ()
- 7 The speech synthesizer allows blind people to use computer. ()
- 8 All computer devices have the same shape. ()

2

- Using is one of the methods for children to search online.
a. unsafe sites b. unknown sites
c. search engines for children
- The best program that allows you to create graph is program.
a. Word b. Excel c. PowerPoint
- To search for an exact sentence, we put the sentence between
a. @ @ b. " " c. &&
- You shouldn't communicate with on social media.
a. an unknown person b. a friend of yours
c. your school friend
- Some files on the Internet may have that can damage your computer.
a. viruses b. data c. photos
- Banned websites may contain content.
a. harmful b. inaccurate c. all of them
- A is a common graph for presenting information.
a. line graph b. circle graph c. bar graph

19 محافظة الشرقية – إدارة العاشر من رمضان التعليمية 2026

(Tag – Hearing aids – Bulling – Excel –Windows)

- 1 is repeated bad behaviors towards someone.
- 2 help people who have poor hearing.
- 3 is an operating system to the computer.
- 4 You can mention your friend by using on social media.
- 5 is a program to make charts.

2

- 1 program to protect your files from damage
a. E-mail b. Bulling c. Antivirus

- 2 If you feel uncomfortable, you can the one who bully you.
 a. block b. share c. send
- 3 (GPS) depends on to determine the location.
 a. satellite b. magnetometer
 c. Rover C4
- 4 You can search online using
 a. screen b. printer c. image
- 5 Press ctrl+ alt +del together, when
 a. the screen freezes b. an app doesn't open
 c. the keyboard isn't typing

3 Put (✓) or (X):

- 1 Assistive technology enables people with disabilities to perform their tasks. ()
- 2 You must share your personal data for all users. ()
- 3 (abc123) is consider strong password that can use. ()
- 4 One of the sources to collect data is surveys. ()
- 5 You must credit the source when you share information. ()

4 Match:

Column (A)	Column (B)
1 PowerPoint	a. is an essential input unit used to move objects on screen.
2 Plus symbol (+)	b. a program used natively to make interactive presentations.
3 Mouse	c. used to ensure that a specific word must be included in search results.
4 Download	d. the process of saving a file from the Internet onto your computer.

1 2 3 4

20 محافظة المنوفية - إدارة شبين الكوم التعليمية 2026

1 Put (✓) or (X):

- 1 (abc123) is considered strong password that you can use. ()
- 2 Bullying is repeat unkind behavior towards someone. ()
- 3 Using electronic devices too much can cause eye strain and headache. ()
- 4 During searching the Internet, use (-) before the words you want to ignore in your search. ()
- 5 You must use ICT tools in an ethical way. ()
- 6 Use download feature to block people that you don't want to communicate with on social media. ()
- 7 To solve the problem of the mouse damage, buy new keyboard. ()
- 8 Entertainment videos and interviews are from reliable sources to collect data. ()
- 9 The assistive technology helps people of determination to discover many places around the world. ()
- 10 People of determination use assistive technology in their daily life. ()

2 Choose the correct answer:

- 1 The ground positioning system (GPS) depend on to determine places and locations.

a. magnetometer	b. Ground Penetrating Radar
c. drone	d. satellite
- 2 allows blind people to use the computer.

a. Braille terminal	b. Mouse
c. Keyboard	d. Printer
- 3 The..... is considered one of the operating system.

a. Google	b. Windows	c. PowerPoint	d. Word
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- 21** محافظة الغربية – إدارة غرب المحلة التعليمية 2026

- ICT Prim. 4 – First Term 155

- 4is/are used to write reports and homework.
 a. Ms Excel b. Operating systems
 c. Ms Word
- 5is a software that is used to assist the visually impaired.
 a. Screen magnification software
 b. Earphone c. Running blade

2 Put (✓) or (X):

- 1 The " - (minus)" sign is used while searching on the Internet before words that you want to avoid (exclude) in the search results. ()
- 2 When you are designing a poster, there is no need to credit the sources. ()
- 3 Identify theft means that someone is using your personal data without permission. ()
- 4 Magnetometers can find metal underground. ()
- 5 Information is the final result we get after processing the data. ()

3 Complete the following sentences using the words:

(Seven - Ms Excel - a browser - eight - personal data - tagging)

- 1 is the feature used to mention one of your friends on social media sites.
- 2 A strong password should be at least characters.
- 3 Your includes your name, address, and your date of birth.
- 4 is use to analyze data and create tables and graphs.
- 5 To access websites online, you can use

22 محافظة الدقهلية - إدارة ميت غمر التعليمية 2026

1 Complete the following sentences using the words:

(Braille terminal - Video conference - Alternate communication software - (+) sign - (-) sign - GPR - access information - eye strain - GPS - Video poster)

- 1 helps people with speech and language disabilities communicate with other.
- 2 The operator is used if you need these words to be exclude in your search.
- 3 it allows real-time communication between people using computer camera.
- 4 is used to find places you might need to visit.
- 5 From positive effects of ICT tools, you can the videos and photos.

2 Put (✓) or (X):

- 1 The Rover C4 device is used to determine places via satellite. ()
- 2 CPU is a type of software responsible for controlling and processing data. ()
- 3 PowerPoint program is used to make presentations. ()
- 4 Screen magnification software enlarges everything and help people have trouble hearing. ()
- 5 The scanner is used to print images from your computer on paper. ()

3 Choose the correct answer:

- 1 A is a common graph for presenting information.

a. pie graph	b. circle graph
c. column graph	d. bar graph
- 2 Press and hold the buttons when screen freezes.

a. Ctrl + Alt + Del	b. Ctrl + Shift + Del
c. Ctrl + Alt + Tab	d. Ctrl + Del + Tab

- 23** محافظة البحيرة – إدارة دمنهور التعليمية 2026

- 2

2 Choose the correct answer:

- 158- ICT Prim. 4 – First Term

- 3 PowerPoint program is used to create
 a. presentations b. games c. chat d. emails
- 4 The receive(s) data from the operating system.
 a. keyboard b. CPU c. screen d. speakers
- 5 help(s) the visually impaired to interact with and magnify the computer screen.
 a. Earphones b. Screen magnification software
 c. Sports equipment d. Communication tools

3 Complete the following sentences using the words:

(Mouse - Output - Send - Identity Theft - data - block - Antivirus - Browsers)

- 1 is the use of your personal information and social media accounts by others without permission.
- 2 programs are used to protect your files stored on your computer from corruption.
- 3 designed for children displays age-appropriate content.
- 4 The Central Processing Unit (CPU) processes
- 5 When you are being harassed, you can to the person who is bullying you.

24 (A) محافظة الأسمايلية 2026

1 Choose the correct answer:

- 1 The program is used to write and format text.
 a. Windows b. Word c. Google d. Paint
- 2 is used to take photo above the ground.
 a. Magnetometer b. Satellite c. GPR d. ICT
- 3 is repeated, unkind behavior towards someone.
 a. Identity theft b. Bullying c. Cooperation d. Hacking
- 4 sites may publish inaccurate, immoral, and harmful material.
 a. Banned b. Scientific c. Trusted d. Educational

- 5 To search for an exact sentence, we put the sentence between
 a. + b. " " c. - d. @
- 6 The is used to output sounds from the computer.
 a. speaker b. keyboard c. printer d. mouse
- 7 The operating system sends data to the to process the data.
 a. keyboard b. CPU c. printer d. speaker
- 8 You shouldn't communicate with
 a. a friend of you b. your school friend
 c. unknown person d. your family

2 Put (✓) or (X):

- 1 Online Bullying can include text message only. ()
- 2 Viruses are considered useful software for the computer. ()
- 3 When you block someone, they can see your posts. ()
- 4 Collecting data is the first step to solve problems. ()
- 5 Hearing aids help people with poor vision. ()
- 6 Spam is an electronic message from an unknown email that contains an advertisement. ()
- 7 Information is the final result we get after processing the data. ()

25 محافظة الأسمايلية 2026 (B)

1 Choose the correct answer:

- 1 is a fun way to present your idea as sound effects can be added.
 a. PowerPoint b. Word c. Excel d. Windows
- 2 is an operating system.
 a. A keyboard b. A virus c. Windows d. Data theft
- 3 is considered from the hardware components of computer.
 a. PowerPoint b. Browser c. CPU d. Microsoft Word
- 4 We use the to find a file or folder on the computer.
 a. search box b. scanner c. printer d. Internet browser

- 5 Spending a lot of time on technology makes you feel
 a. active b. lazy c. happy d. healthy
- 6 When you use the Internet, don't go to
 a. banned b. sports c. food d. educational
- 7 Some file on the Internet may have that can damage your computer.
 a. information b. viruses c. data d. photos
- 8 After analyzing the data, you can it.
 a. collect b. share c. graph d. send

2 Put (✓) or (X):

- 1 It is necessary to use ICT tools in an ethical way. ()
- 2 Braille terminal transforms letters into prominent symbols that can be read by touching. ()
- 3 Always think before you post about yourself or other people. ()
- 4 Collecting data is the last step to solve problems. ()
- 5 One of the disadvantages of ICT is that you can upload and download files. ()
- 6 You can't use video to present the research. ()
- 7 Assistive technology enables people of determination to do their work. ()

26 محافظة الأسمايلية 2026

1 Choose the correct answer:

- 1 can damage your computer.
 a. Phones b. Viruses c. Pens d. Data
- 2 If someone makes you feel unsafe, you can that person.
 a. tag b. block c. communicate d. contact
- 3 The displays visual data: text, images, and videos.
 a. speaker b. screen c. scanner d. printer
- 4 You can draw graphs on a computer using
 a. PowerPoint b. Word c. Excel d. Paint

- 2 Put (✓) or (x):

- 27 محافظة سوهاج 2026

1 Put (✓) or (X):

- 1 Assistive technology enables people of determination to do their work. ()
- 2 The Paint app is one of the useful digital tools for analyzing and graph data. ()

- 3 You can ask your teacher to help you solve the problems you face online. ()
- 4 The password (765QdvL!@VtM) is considered a strong password.()
- 5 It is preferable to make your personal data available to all users to see and save. ()

2 Choose the correct answer:

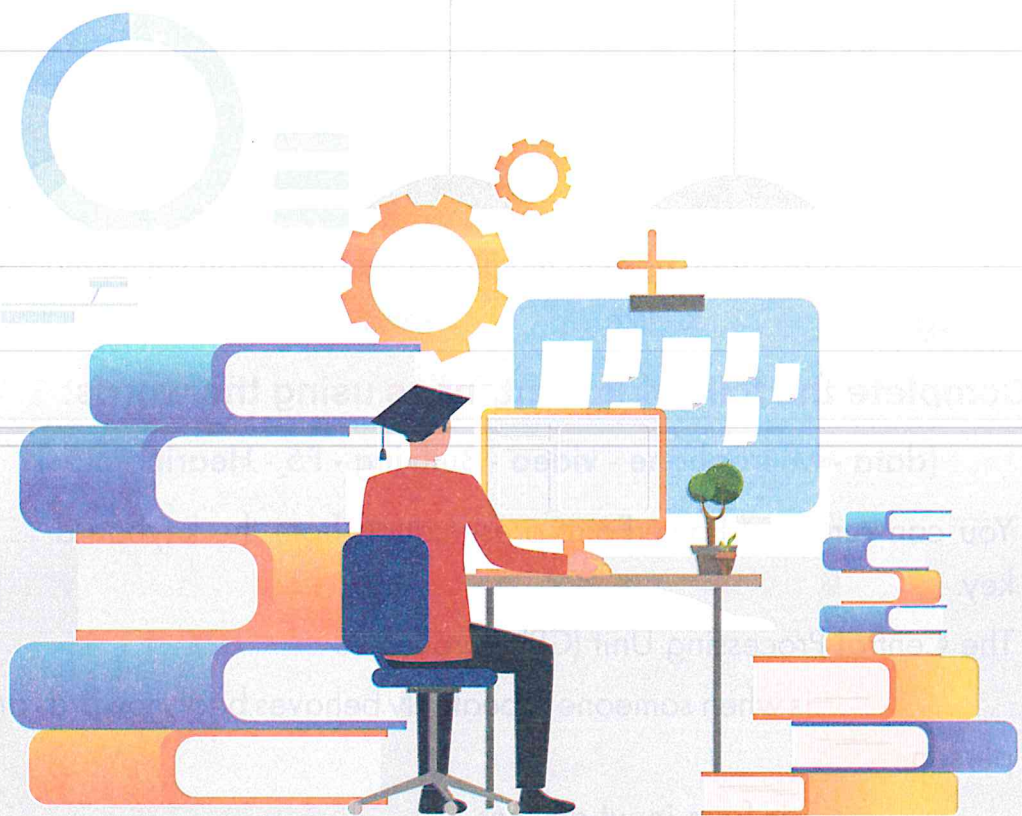
- 1 The device is used to detect coins underground.
a. satellites b. drones c. Ground Penetrating Radar
- 2 The program is considered one of the operating system programs.
a. Windows b. Google c. Word
- 3 The keyboard is used to enter..... into the computer.
a. videos b. pictures c. letters and numbers
- 4 You can solve the problem of your screen freezes by pressing the keys together.
a. Alt+F8
b. Alt+ Ctrl +Del
c. F10+Del
- 5 is a property used to mention your friends on social media sites.
a. tag b. like c. send

3 Complete the following sentences using the words:

(data - Microphone - video - Bullying - F5 - Hearing aids)

- 1 You can run your PowerPoint presentation from the keyboard key.
- 2 The Central Processing Unit (CPU) processes
- 3 is when someone repeatedly behaves badly towards another person.
- 4 is from input devices.
- 5 help people with hearing impairments.

Model Answers



Unit 1

Lesson 1

- 1 1 d 2 c 3 a 4 d
5 b 6 b 7 b 8 b
9 c 10 b 11 d 12 d
13 b 14 d 15 a 16 b

- 2 1 X 2 X 3 X 4 X
5 ✓ 6 ✓ 7 X 8 ✓
9 X 10 X 11 X 12 ✓
13 ✓ 14 ✓ 15 X 16 ✓
17 ✓ 18 ✓ 19 X

- 3 1 b 2 c
3 d 4 a

Play with Pony

- 1 GPS 2 Rover C4
3 coins 4 GPR

Lesson 2

- 1 1 d 2 d 3 b 4 c
5 a 6 a 7 c 8 c
9 a 10 b 11 b 12 a
13 a 14 a 15 d 16 b
17 c 18 b 19 b 20 a
21 a

- 2 1 ✓ 2 X 3 ✓ 4 ✓
5 ✓ 6 ✓ 7 X 8 ✓
9 ✓ 10 ✓ 11 X 12 ✓
13 X 14 X 15 X 16 ✓
17 ✓ 18 X

Model Answers

- 3 1 Braille terminal 2 microphone
3 keyboard 4 screen
5 Speakers

- 4 1 Printer 2 Microphone
3 Keyboard

- 5 1 • **Input Devices:** Touch screen –
Camera – Keyboard
• **Output Devices:**
Speech synthesizer – Speakers –
Printer – Touch screen

Play with Pony

Answer by yourself.

Test yourself Lessons 1&2

- 1 1 c 2 a 3 c 4 c
5 a 6 a 7 a

- 2 1 ✓ 2 X 3 ✓ 4 ✓
5 ✓ 6 ✓ 7 X 8 X

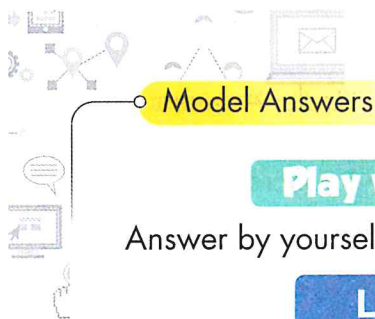
Lesson 3

- 1 1 b 2 c 3 b 4 c
5 b 6 b 7 b 8 b
9 b 10 b

- 2 1 X 2 X 3 ✓ 4 ✓
5 ✓ 6 X 7 ✓ 8 X
9 X 10 ✓ 11 ✓ 12 X
13 ✓ 14 X 15 ✓

- 3 1 Windows 2 data
3 Word 4 CPU

- 4 Input Device **Data** → CPU
Information → Output Device



Model Answers

Play with Pony

Answer by yourself.

Lesson 4

- 1 1 c 2 b 3 a 4 c
5 b 6 a 7 c 8 a
9 a 10 b 11 c 12 a

- 2 1 ✓ 2 ✓ 3 ✓ 4 ✓
5 ✓ 6 x 7 x 8 ✓
9 ✓ 10 x 11 x 12 ✓
13 x

- 3 1 d 2 a 3 c 4 b

Play with Pony

p	a	r	a	c	l	i	m	b	i	n	g	g	h
e	u	w	s	f	a	l	t	e	r	n	a	t	e
n	n	y	s	g	a	j	f	w	v	r	t	o	a
l	n	u	i	o	r	t	y	b	k	a	q	v	r
a	i	q	s	w	i	v	z	o	g	i	j	k	i
r	n	r	t	t	n	x	c	f	o	l	w	z	n
g	g	j	i	g	g	u	y	t	q	l	b	r	g
e	b	y	v	b	a	w	z	j	k	e	v	x	a
m	l	z	e	k	i	q	r	y	f	u	t	o	i
e	d	u	t	r	d	k	z	x	g	y	j	q	d
n	e	c	j	f	s	o	t	b	q	n	k	z	s
t	s	k	x	g	u	y	f	j	r	q	t	v	b

Test yourself Lessons 3&4

- 1 1 d 2 b 3 c 4 b
5 a 6 c 7 a

- 2 1 ✓ 2 x 3 x 4 x
5 x 6 x 7 x 8 ✓

Lesson 5

- 1 1 d 2 c 3 d 4 d
5 b 6 b 7 d 8 a
9 b 10 a 11 c 12 a
13 a 14 c 15 c 16 b
17 d 18 a

- 2 1 ✓ 2 x 3 x 4 ✓
5 ✓ 6 ✓ 7 ✓ 8 ✓
9 ✓ 10 ✓ 11 ✓ 12 ✓
13 x 14 ✓ 15 ✓ 16 x

- 3 1 screen freezes
2 app won't open
3 find a file
4 pointer doesn't work

Play with Pony

Answer by yourself.

October Exam

- 1 1 c 2 c 3 a 4 a
5 b 6 b 7 a

- 2 1 ✓ 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 x 8 x

Lesson 6

- 1 1 b 2 b 3 c 4 b
5 b 6 a 7 b 8 c
9 a 10 b 11 d 12 a
13 a 14 c 15 c

- 2 1 ✓ 2 ✓ 3 ✓ 4 x
5 x 6 ✓ 7 ✓ 8 ✓
9 x 10 ✓ 11 ✓ 12 ✓
13 ✓ 14 ✓ 15 x 16 ✓
17 x 18 ✓

- 3 1 Excel
2 data collection
3 Analyzing
4 trends
5 bar

Play with Pony

- 1 Collecting
- 2 Analyzing
- 3 Graphing

Test yourself Lessons 5&6

- 1 1 b 2 b 3 b 4 c
5 c 6 d 7 d

- 2 1 x 2 x 3 ✓ 4 x
5 ✓ 6 x 7 ✓ 8 x

Play with Pony

Answer by yourself.

Model Exam 1

- 1 1 b 2 a 3 b 4 a
5 c

- 2 1 x 2 x 3 ✓ 4 x
5 x

- 3 1 c 2 b 3 d 4 a
5 e

Model Exam 2

- 1 1 a 2 c 3 d 4 a
5 a

- 2 1 ✓ 2 ✓ 3 ✓ 4 x
5 x

- 3 1 data collection
2 Analyzing Data
3 Mouse
4 Excel
5 Alternate

Model Exam 3

- 1 1 d 2 c 3 c 4 a
5 b

- 2 1 ✓ 2 ✓ 3 x 4 x
5 x

- 3 1 Rover C4 2 GPS
3 Braille 4 printer
5 Assistive technology

Model Exam 4

- 1 1 a 2 d 3 b 4 b
5 a

- 2 1 ✓ 2 x 3 ✓ 4 ✓
5 ✓

- 3 1 d 2 c 3 a 4 b
5 e

Model Exam 5

- 1 1 a 2 c 3 d 4 c
5 a

- 2 1 ✓ 2 x 3 ✓ 4 x
5 ✓

- 3 1 Assistive technology
2 magnetometer
3 Hearing aids
4 surveys
5 data

Unit 2

Lesson 1

1 d	2 b	3 d	4 a
5 c	6 d	7 a	8 c
9 d	10 a	11 b	12 a
13 c	14 b	15 b	16 b
17 a	18 b	19 d	20 b

1 ✓	2 ✓	3 ✓	4 ✓
5 ✗	6 ✗	7 ✓	8 ✗
9 ✓	10 ✓	11 ✓	12 ✗
13 ✓	14 ✓	15 ✗	16 ✓
17 ✗	18 ✗	19 ✗	20 ✗

1 c	2 a	3 b
-----	-----	-----

- 4
- download
 - privacy settings
 - personal data
 - instant messages

Play with Pony

Personal information

Lesson 2

1 c	2 b	3 b	4 c
5 b	6 b	7 b	8 c
9 b	10 c	11 b	12 c
13 b	14 b	15 a	16 d
17 a	18 d		

1 ✓	2 ✓	3 ✗	4 ✗
5 ✗	6 ✓	7 ✓	8 ✓
9 ✗	10 ✓	11 ✗	12 ✗
13 ✗	14 ✓	15 ✗	16 ✗
17 ✓	18 ✓	19 ✗	20 ✓
21 ✗	22 ✓		

- 3
- Positive: 2, 5, and 6
 - Negative: 1, 3, and 4

Play with Pony

Answer by yourself.

Test yourself Lessons 1&2

1 c	2 d	3 a	4 a
5 d	6 b	7 c	

1 ✓	2 ✓	3 ✓	4 ✓
5 ✗	6 ✓	7 ✓	8 ✓

Lesson 3

1 c	2 d	3 c	4 b
5 b	6 a	7 c	8 c
9 d	10 c	11 b	12 c
13 a	14 a	15 c	16 d

1 ✓	2 ✓	3 ✓	4 ✗
5 ✗	6 ✓	7 ✓	8 ✗
9 ✗	10 ✓	11 ✓	12 ✗
13 ✗	14 ✓		

1 b	2 d	3 a	4 c
-----	-----	-----	-----

Play with Pony

1 ✓	2 ✓	3 ✗	4 ✓
5 ✗	6 ✓		

Lesson 4

1 c	2 d	3 b	4 c
5 a	6 b	7 c	8 b
9 c	10 b	11 b	12 d
13 a	14 a		

1 ✗	2 ✗	3 ✓	4 ✓
5 ✓	6 ✓	7 ✓	8 ✗
9 ✓	10 ✓	11 ✗	12 ✓
13 ✓	14 ✓	15 ✗	16 ✓
17 ✗	18 ✓		

Play with Pony

Identity theft

Test yourself Lessons 3&4

- 1 1 c 2 b 3 c 4 d
5 c 6 c 7 c

- 2 1 x 2 ✓ 3 ✓ 4 ✓
5 x 6 ✓ 7 ✓ 8 x

November Exam

- 1 1 c 2 d 3 d 4 c
5 b 6 a 7 a

- 2 1 ✓ 2 ✓ 3 ✓ 4 x
5 ✓ 6 ✓ 7 x 8 ✓

Lesson 5

- 1 1 c 2 b 3 b 4 c
5 d 6 a 7 b 8 b
9 c 10 b 11 d 12 a
13 a 14 d 15 d 16 b
17 c

- 2 1 x 2 ✓ 3 x 4 ✓
5 ✓ 6 x 7 ✓ 8 ✓
9 ✓ 10 x 11 ✓ 12 x

- 3 1 The password contains personal information and has no special characters.
2 The password contains seven characters.
3 The password doesn't contain numbers or special characters.
4 The password doesn't contain letters.

- 4 1 Unsafe password
2 Unsafe password
3 Unsafe password
4 Safe password

- To make your password more secure, it should not contain personal information, and it should include at least eight characters with a combination of letters, numbers, and special characters.

Play with Pony

Virus: 1, 4, and 6

Anti-virus: 2, 3, and 5

Lesson 6

- 1 1 d 2 b 3 b 4 c
5 d 6 c 7 d

- 2 1 ✓ 2 x 3 x 4 ✓
5 x 6 ✓ 7 x 8 ✓
9 x 10 ✓ 11 ✓ 12 x
13 ✓ 14 x

Play with Pony

Answer by yourself.

Test yourself Lessons 5&6

- 1 1 d 2 b 3 a 4 d
5 c 6 c 7 c

- 2 1 x 2 ✓ 3 x 4 ✓
5 ✓ 6 x 7 ✓ 8 x

Play with Pony

Answer by yourself.

Model Answers

Model Exam 1

1 1 d 2 d 3 c 4 b
5 c

2 1 ✓ 2 ✗ 3 ✗ 4 ✓
5 ✓

3 1 e 2 a 3 c 4 d
5 b

Model Exam 2

1 1 c 2 d 3 a 4 c
5 a

2 1 ✗ 2 ✗ 3 ✗ 4 ✓
5 ✗

3 1 d 2 a 3 e 4 c
5 b

Model Exam 3

1 1 a 2 a 3 a 4 d
5 a

2 1 ✓ 2 ✓ 3 ✓ 4 ✓
5 ✗

3 1 Antivirus
2 kids search
3 download
4 eye strain
5 strong passwords

Model Exam 4

1 1 b 2 a 3 b 4 a
5 b

2 1 ✗ 2 ✓ 3 ✗ 4 ✗
5 ✓

3 1 e 2 d 3 c 4 a
5 b

Model Exam 5

1 1 d 2 b 3 a 4 c
5 d

2 1 ✓ 2 ✓ 3 ✓ 4 ✗
5 ✓

3 1 + sign
2 hacking
3 Browsers
4 crediting sources
5 Bullying

Final Exams Answers

1 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (A)

- 1 1 b 2 c 3 a 4 b
5 b 6 a 7 d 8 a
9 a 10 a

- 2 1 x 2 ✓ 3 ✓ 4 ✓
5 x 6 ✓ 7 ✓ 8 x
9 ✓ 10 ✓

2 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (B)

- 1 1 b 2 a 3 a 4 a
5 d 6 b 7 d 8 a
9 a 10 d

- 2 1 ✓ 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 ✓ 8 x
9 x 10 ✓

3 محافظة القاهرة - إدارة شرق مدينة نصر التعليمية 2026 (C)

- 1 1 c 2 b 3 a 4 a
5 b 6 d 7 a 8 d
9 a 10 a

- 2 1 x 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 x 8 x
9 ✓ 10 x

4 محافظة القاهرة - إدارة عين شمس التعليمية 2026 (A)

- 1 1 ✓ 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 ✓

- 2 1 c 2 c 3 b 4 a
5 d 6 c 7 a 8 b

5 محافظة القاهرة - إدارة عين شمس التعليمية 2026 (B)

- 1 1 x 2 ✓ 3 x 4 x
5 x 6 x 7 ✓

- 2 1 b 2 b 3 c 4 b
5 b 6 b 7 a 8 b

6 محافظة القاهرة - إدارة عين شمس التعليمية 2026 (C)

- 1 1 ✓ 2 x 3 ✓ 4 x
5 x 6 x 7 x

- 2 1 b 2 d 3 c 4 a
5 b 6 c 7 b 8 c

7 محافظة الجيزة - إدارة ٦ أكتوبر التعليمية 2026 (A)

- 1 1 x 2 x 3 ✓ 4 x
5 x 6 x 7 ✓

- 2 1 b 2 d 3 c 4 b
5 b 6 c 7 a

- 3 1 negative
2 Windows
3 Banned sites
4 Assistive technology
5 Antivirus
6 GPR

8 محافظة الجيزة - إدارة ٦ أكتوبر التعليمية 2026 (B)

- 1 1 d 2 a 3 b 4 a
5 d 6 a 7 a 8 b
9 b 10 d

- 2 1 x 2 x 3 ✓ 4 ✓
5 ✓ 6 x 7 x 8 ✓
9 x 10 x

Model Answers

9 محافظة الإسكندرية - إدارة شرق التعليمية 2026

- 1 1 x 2 ✓ 3 ✓ 4 ✓
5 ✓ 6 x 7 ✓ 8 ✓
9 x 10 ✓
- 2 1 b 2 a 3 b 4 a
5 d 6 a 7 a 8 d
9 b 10 b

10 محافظة الإسكندرية - إدارة وسط التعليمية 2026

- 1 1 ✓ 2 x 3 ✓ 4 x
5 x 6 ✓ 7 ✓ 8 ✓
- 2 1 a 2 b 3 c 4 c
5 d 6 a 7 b 8 d
9 b 10 c 11 d 12 a

11 محافظة الإسكندرية - إدارة العجى التعليمية 2026

- 1 1 c 2 d 3 b 4 b
5 c 6 b 7 c 8 d
9 b 10 c
- 2 1 x 2 x 3 x 4 x
5 ✓ 6 ✓ 7 ✓ 8 ✓
9 ✓ 10 ✓

12 محافظة الإسكندرية - إدارة المنتزة أول التعليمية 2026 (A)

- 1 1 ✓ 2 ✓ 3 ✓ 4 ✓
5 x 6 x 7 x 8 ✓
9 x 10 x
- 2 1 d 2 a 3 a 4 b
5 a 6 a 7 a 8 d
9 c 10 d

13 محافظة الإسكندرية - إدارة المنتزة أول التعليمية 2026 (B)

- 1 1 ✓ 2 ✓ 3 ✓ 4 ✓
5 ✓ 6 ✓ 7 x 8 ✓
- 2 1 b 2 a 3 b 4 a
5 a 6 c 7 c 8 a
9 b 10 a 11 b 12 a

14 محافظة الإسكندرية - إدارة برج العرب التعليمية 2026

- 1 1 d 2 a 3 d 4 b
5 c 6 a 7 b
- 2 1 ✓ 2 ✓ 3 x 4 x
5 ✓ 6 ✓ 7 ✓ 8 x

15 محافظة الإسكندرية - إدارة الجمرك التعليمية 2026

- 1 1 x 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 x 8 ✓
- 2 1 d 2 a 3 a 4 b
5 a 6 a 7 b 8 c

16 محافظة القليوبية 2026 (A)

- 1 1 ✓ 2 x 3 x 4 ✓
5 ✓ 6 x 7 ✓ 8 ✓
- 2 1 b 2 a 3 c 4 b
5 b 6 a 7 b

17 محافظة القليوبية 2026 (B)

- 1 1 x 2 ✓ 3 ✓ 4 ✓
5 x 6 ✓ 7 ✓ 8 x
- 2 1 c 2 b 3 a 4 c
5 c 6 c 7 c

18 محافظة القليوبية 2026 (C)

- 1 1 X 2 ✓ 3 ✓ 4 X
5 X 6 ✓ 7 X 8 X

- 2 1 c 2 b 3 b 4 a
5 a 6 c 7 c

19 محافظة الشرقية - إدارة العاشر من رمضان التعليمية 2026

- 1 1 Bullying
2 Hearing aids
3 Windows
4 Tag
5 Excel

- 2 1 c 2 a 3 a 4 c
5 a

- 3 1 ✓ 2 X 3 X 4 ✓
5 ✓

- 4 1 b 2 c 3 a 4 d

20 محافظة المنوفية - إدارة شبين الكوم التعليمية 2026

- 1 1 X 2 ✓ 3 ✓ 4 ✓
5 ✓ 6 X 7 X 8 X
9 ✓ 10 ✓

- 2 1 d 2 a 3 b 4 b
5 a 6 d 7 b 8 a
9 a 10 b

21 محافظة الغربية - إدارة غرب المحلة التعليمية 2026

- 1 1 c 2 a 3 b 4 c
5 a

- 2 1 ✓ 2 X 3 ✓ 4 ✓
5 ✓

- 3 1 tagging
2 eight
3 personal data
4 Ms Excel
5 a browser

22 محافظة الدقهلية - إدارة ميت غمر التعليمية 2026

- 1 1 Alternate communication software
2 (-) sign
3 Video conference
4 GPS
5 access information

- 2 1 X 2 X 3 ✓ 4 X
5 X

- 3 1 d 2 a 3 c 4 b
5 c

23 محافظة البحيرة - إدارة دمنهور التعليمية 2026

- 1 1 ✓ 2 ✓ 3 X 4 X
5 ✓

- 2 1 a 2 b 3 a 4 b
5 a

- 3 1 Identity Theft
2 Antivirus
3 Browsers
4 Data
5 Block

Model Answers

24 (A) 2026 محافظة الإسماعيلية

1 1 b 2 b 3 b 4 a
5 b 6 a 7 b 8 c

2 1 x 2 x 3 x 4 ✓
5 x 6 ✓ 7 ✓

25 (B) 2026 محافظة الإسماعيلية

1 1 b 2 c 3 c 4 a
5 b 6 a 7 b 8 c

2 1 ✓ 2 ✓ 3 ✓ 4 x
5 x 6 x 7 ✓

26 (C) 2026 محافظة الإسماعيلية

1 1 b 2 b 3 b 4 c
5 c 6 d 7 b 8 a

2 1 ✓ 2 ✓ 3 x 4 ✓
5 ✓ 6 x 7 ✓

27 محافظة سوهاج 2026

1 1 ✓ 2 x 3 ✓ 4 ✓
5 x

2 1 c 2 a 3 c 4 b
5 a

3 1 F5 2 data
3 Bullying 4 Microphone
5 Hearing aids

NOTES



NOTES



A large white rectangular area with horizontal dotted lines for writing notes.

