

2025 Educational Series

Alkhawarizmi



Final Revision

ICT

Information & Communication Technology



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**Sixth Grade
Second Term**

مذكرتي
Mokdrti.com

الزملاء والزميلات الأعزاء

أولياء الأمور الافاضل - ابنائي وبناتي الطلاب

يسعدني أن اقدم هذا العمل المتواضع

وللعلم هذه النسخة اصدار عام ٢٠٢٤ -

٢٠٢٥ م وغير مسموح بالتعديل على

المحتوى الا بعد الرجوع لي شخصياً من خلال

التواصل على رقم ٠١٠٦٥٧٦٠٤٨٣

وأنا غير مسامح لأي شخص يقوم بحذف

بياناتي دون الرجوع الي اولاً

خالص تحياتي سلسلة الخوارزمي (اكتشف -

Discover - تكنولوجيا المعلومات والاتصالات

ICT عام ولغات - المهارات المهنية) لحجز

وحضور شرح الحصص أونلاين للمرحلة الابتدائية

والاعدادية تواصل على رقمي- بلال نصر..

Theme3: Lesson 1 Questions : EXPLORER IN ACTION

First: Put the word (True) or (False) :-

- 1- Ms. Mogos designs games to teach Children and Young people about the ethical implications of technology. ()
- 2- Scratch is a free programming website for children. ()
- 3- Algorithm is a step- by-step procedure do not used for solving problems. ()
- 4- Ai is one of Egypt's top priorities. ()
- 5- Alexa can't turn on the lights and plays your favorite music. ()
- 6- AI learns what humans teach it. ()

Second: Choose the correct answer from the brackets:

- 1- It is a free programming website for children.
a- GIMP b- Scratch c- Word d- Python
- 2- Ms. Mogos designed activities about the effect of on different communities and cultures.
a- Augmented reality b- Virtual reality c- Artificial intelligence d- all of above
- 3- It is a step- by-step procedure used for solving problems or doing computations.
a- Database b- Cloud c- Algorithm d- web
- 4- Amazon designed to converse in a human-like manner.
a- Siri b- Personal Assistant c- Alexa d- all of above
- 5- It is a data storage space available over the Internet that allows the user to access it.
a- Cloud b- Scratch c- GIMP d- HTML

Theme3: Lesson 2 Questions : ETHICS OF USING ARTIFICIAL INTELLIGENCE

First: Put the word (True) or (False) :-

- 1- Artificial intelligence relies on the word processing program Word to solve logical problems. ()
- 2- Navigation applications to guide you to a destination are considered common artificial intelligence tools. ()
- 3- Artificial intelligence relies on algorithms to solve problems. ()

- 4- Artificial intelligence tools must include all users. ()
- 5- Artificial intelligence relies on algorithms to solve problems. ()
- 6- Spam filter for emails can open harmful emails from your inbox. ()
- 7- Unlocking the device with facial recognition is considered an artificial intelligence tool.()
- 8- One of the ethics of using artificial intelligence is to use its tools to help society.()
- 9- Among the tools of artificial intelligence are social networking sites that provide suggestions for users to contact others. ()
- 10- One of the ethics of using artificial intelligence is transparency and real data.()
- 11- One of the artificial intelligence tools is a digital voice assistant that answers questions or requests. ()
- 12- It is an ethical responsibility to use artificial intelligence to consider user privacy. ()

Second: Choose the correct answer from the brackets:

- 1- is an artificial intelligence tool used to unlock the device.
A- Navigation applications B- Facial recognition. C- Word D-Excel
- 2- One of the ethical principles that must be taken into account when using artificial intelligence
A- Extortion B- impersonate C- Transparent D- piracy
- 3- Through you can solve problems, use reasoning and make decisions to perform tasks.
A- Digital platforms B- Artificial intelligence C- Electronic services D- piracy
- 4- One of the common artificial intelligence tools used to regulate temperature.
A- Processing tools B- Smart thermostats
C- Navigation applications D- Facial recognition
- 5- Artificial intelligence relies on to solve problems.
A- Algorithms B- Robots C- Transparency D- CLOUD

- 6- One of the ethics that artificial intelligence designers must apply.
- A- Be inclusive B- Be transparent C- Be protective D- ALL OF ABOVE
- 7- It is a computer program designed to answer questions over the Internet.
- a- digital voice assistants b- smart home devices
- c- Navigation apps d- ALL OF ABOVE
- 8- One of the ethical principles that must be taken into account when using artificial intelligence is
- A- Extortion B- Identity theft C- inclusive D- Bullying
- 9- is considered One of the common artificial intelligence tools.
- A- scareware B- Office software C- Operating systems D- Email filters
- 10- It means that artificial intelligence tools must include all Users, not just a specific group.
- A- Transparency B- Totality (inclusive) C- Reservation D- Benefit

Theme3: Lesson 3 Questions : E-COMMERCE

First: Put the word (True) or (False) :-

- 1- There are no risks from working in the stock market field. ()
- 2- Negative online news stories can affect companies Stock business. ()
- 3- It is impossible to buy and manage stocks through websites. ()
- 4- Online reviews can be used to help you buy a product. ()
- 5- The stock exchange is a market that enables individuals to buy and sell stocks. ()
- 6- E-commerce is the process of buying and selling goods and services over the Internet. ()
- 7- Online product reviews are always honest, not exaggerated, and help you buy a product. ()
- 8- Search engines can be used to get information. ()
- 9- E-commerce is the process of buying and selling goods and services over the Internet.()

- 10- Consumers use comparison websites to compare products in terms of price or quality. ()
- 11- Company shares are defined as unequal parts into which ownership of the company is divided. ()

Second: Choose the correct answer from the brackets:

- 1- Can be bought, managed and sold through websites
A- Stocks. B- Bonds. C- Both d- none
- 2- Individuals' profits based on the company's performance are considered a risk of
A- Websites B- Email C- Buying stocks d- internet
- 3- it is known as the process of buying and selling goods and services over the Internet.
A- Cloud computing. B- Digital platforms C- E- commerce. D- all of above
- 4- To find out the best prices for products on the Internet and to know the preferences for these products, you can use
- A- Digital footprint B- COMPARISON WEBSITES
C- Word program D- all of above
- 5- It will give the user quick results along with a brief description of each result.
A- Search engines B- Stock exchange C- E- commerce D- Ai
- 6- can be used to find information about the product.
A- Public libraries B- Articles C- Search engines D- Ai
- 7- Individuals get a certain percentage of the company's ownership when they buy
A- Ratings B- Stocks C- Ai D- all of above
- 8- are used to find information on any topic.
A- Chabot's B- Bonds C- Search Engines D- all of above
- 9- Companies can sell as a way to raise money.
A- Bonds B- Search Engines C- EKB D- all of above
- 10- sites are used by consumers to compare products in terms of price or quality.
A- Search B- comparison websites C- Phishing D- all of above

11- Individuals receive a certain percentage of the company's ownership when they buy

- a- Valuations b- Stocks c- Ai D- all of above

12- Technological tools help others find what they need.

- A. Design B. Research C. Transportation D. Drawing

13- Among the technological research tools that can be used when shopping online ...

- A- Stocks and bonds B- Office software C- Online reviews D- Operating systems

Theme1: Lesson 4 Questions : COMMUNICATING WITH EDUCATIONAL SERVICE PROVIDERS

First: Put the word (True) or (False) :-

- 1- The Library of Alexandria is an example of an unreliable educational service provider. ()
- 2- Email is an informal digital communication tool. ()
- 3- You cannot communicate with educational service providers when you need help with research or any other educational needs. ()
- 4- Chatbots in chat windows are real people. ()
- 5- Chat windows do not contain chatbots for responses. ()
- 6- Email is less formal than window windows. ()
- 7- The Library of Alexandria and the Egyptian Knowledge Bank are two reputable educational service providers in this field. ()
- 8- You can communicate with educational service providers formally using email. ()
- 9- Facebook is a computer program designed to answer questions over the Internet. ()
- 10- ESPs are sources of information that a student can potentially learn from. ()
- 11- It is not necessary to be formal when writing to an ESP. ()
- 12- Educational service providers include for-profit organizations only. ()
- 13- The Egyptian Knowledge Bank and the Library of Alexandria are considered two of the most famous providers of educational services. ()
- 14- Chat windows employ chatbots to respond to requests . ()

Second: Choose the correct answer from the brackets:

- 1- Educational service providers (ESP) include organizations
- a- Profitable b- Non-profitable c- both d- none
- 2- They are one well-known educational services providers.
- a- Alexandria Library b- Egyptian Knowledge Bank c- Both d- none
- 3- Make sure that your message is if you need assistance from educational service providers.
- a- Informal b- Formal c- Both d- none
- 4- When using it is necessary to express your request with maximum clarity and focus.
- a- Email b- Chat windows c- Telephone d- all of above
- 5- Chatbots are used to respond to requests and are designed to answer questions online.
- a- Chat windows b- Email c- Phone d- none
- 6- It is important that your message is in nature when you write to educational service providers
- A. Informal. B. Funny C. Formal d- none
- 7- Chat windows on websites provide responses through
- A. Chatbots B. Programming C. Excel d- none
- 8- You can use to communicate formally with educational service providers.
- A. Excel B. Paint C. E-mail d- none
- 9- is a computer program designed to answer questions over the Internet.
- A. Chatbots B. Bonds C. Search engines d- none
- 10- To be is advice given for communicating using chat windows
- a- aggressive b-funny c-polite and clear d- none of them
- 11- Virtual museums are considered.....
- A- Viruses B- Educational service providers C- E-commerce D- Electronic games

Theme3 Lesson 5 : Questions : COMPUTATIONAL COMMUNICATION TOOLS

First: Put the word (True) or (False) :-

- 1- Cloud computing does not have tools for simultaneous communication. ()

- 2- The basic tools provided by Google Meet and Microsoft Teams are not similar. ()
- 3- Google Meet requires the camera and microphone to be turned on during a meeting. ()
- 4- A meeting can be held via Google Meet without the need for internet service. ()
- 5- You must check the Internet connection before communicating via video conference. ()
- 6- It is difficult to communicate at the same time using digital cloud computing tools. ()
- 7- Microsoft Teams is not considered a video conferencing platform. ()
- 8- Sending a follow up email after a video conference is a necessary step. ()
- 9- Google Meet is one of the most popular video conferencing platforms. ()
- 10- To create a meeting using video conferencing software, copy the meeting link and paste it into your browser. ()
- 11- During a video conference, participants can see you if you turn off the camera. ()

Second: Choose the correct answer from the brackets:

- 1- is not a video conferencing platform.
A- Zoom. B- Microsoft Teams. C- Instant chat room D- google meet
- 2- It is necessary to first check before conducting any conversation over the Internet.
A- The device is connected to the Internet B- Change the control mouse
C- Turn on the scanner D- turn on speaker
- 3- You must click on the icon to turn off the sound in Google Meet
A- Camera B- Microphone C- Screen sharing D- chat
- 4- is the most famous platform for video conferencing.
A- Twitter B- Google Meet C- Facebook D- EKB
- 5- is one of the famous video conferencing platforms.
A- Word B- Excel C- Microsoft Teams D- FACEBOOK
- 6- To create a meeting in Google Meet, click on the option.
A- New meeting B- Join C- Share d- all of above

7- After creating your meeting copy a that google has provided.

- a- link b-text c-page d-line

8- Check your connection to the Internet and the software

- A- During a video conference B- Before a video conference
C- After the video conference ends D- After recording the meeting

Theme 3 Lesson 6 : PROGRAMMING AND DIGITAL PROBLEMS AND HOW TO SOLVE THEM

First: Put the word (True) or (False) :-

- 1- It is difficult to recover your passwords. ()
- 2- It is preferable to store copies of important files on your email. ()
- 3- Dynamic web content is content that can be changed based on user interactions with the application or website. ()
- 4- HTML is used to design dynamic web pages. ()
- 5- HTML is used to create static web pages. ()
- 6- A static web page displays content that can be changed by the site user.()
- 7- To overcome the problem of file corruption, it is preferable to delete them and re-upload them again. ()
- 8- Programming languages are languages spoken by humans. ()
- 9- If a device won't charge, one possible solution is updating the device's software. ()
- 10- JavaScript cannot be used to create dynamic web content ()
- 11- To create a static web page, the JavaScript programming language is used.()
- 12- Programming languages are defined as commands given in the form of sentences to write computer programs. ()
- 13- One solution to the problem of accidentally deleting a file is to run the Recycle Bin on your computer to temporarily store the deleted files. ()

- 2- Merging images aims to combine two images together to look like one image. ()
- 3- GIMP can be used on different operating systems to change images. ()
- 4- GIMP can only be used on one operating system. ()
- 5- GIMP does not require a lot of space on the hard disk. ()
- 6- You can use different filters to add special effects to the image. ()
- 7- You can use GIMP from the Internet without downloading it to your personal device. ()
- 8- Blending images is not possible with GIMP. ()
- 9- GIMP is an open source image processing program that can be used on different operating systems. ()
- 10- GIMP can be used to enhance images. ()
- 11- GIMP supports different image file types . ()
- 12- GIMP can create a photo of you and your father at the same age . ()
- 13- GIMP takes up a lot of space on your hard drive. ()
- 14- Many sites allow you to use GIMP and edit images directly online. ()

Second: Choose the correct answer from the brackets:

- 1- An open source program used to edit and process Photos.
a- Gimp b- Photoshop c- Word d- Excel
- 2- An expensive and not free program used to edit and process Photos.
a- Gimp b- Photoshop c- Word d- Excel
- 3- It is an efficient and light program.
a- Gimp b- Photoshop c- Word d- Excel
- 4- You can use different to add special effects to an image.
a- Layers b- Brushes c- Filters d- all of above
- 5- It includes some categories such as blur, distort, artistic, animation.
a- Layers b- Brushes c- Filters d- all of above
- 6- GIMP supports file types such as
A- DOCX B- MP4 C- JPEG d- html
- 7- Graphic designers, photographers and other creative professionals use programs such as Adobe Photoshop
A- Cheap B- Expensive C- Free d- all of above
- 8- People's eye color can be changed using the feature in GIMP.

A- Enhance B- Color C- Merge d- all of above

9- Open source program.

A- Adobe Photoshop. B- Windows C- GIMP. D- Paint.

10- GIMP program

A- is inefficient B- needs a large storage space

C- is closed source program D- enhances images

Theme 4 Lesson 1 : Questions : Explorer in Action

First: Put the (True) or (False) :-

- 1- You can schedule your desired trips through the Internet. ()
- 2- Through social networking sites, you can contribute to spreading awareness about improving the environment, ()
- 3- Ms. Sonika studied engineering, robotics and artificial intelligence. ()
- 4- **Aloi** helps people use financial services. ()
- 5- The mobile wallet is an application for sending money only. ()
- 6- Customers can access services on the Internet from anywhere and at any time. ()
- 7- Egypt has issued a locally manufactured electric car to support the green economy strategy. ()
- 8- You can pay for trips online using a mobile wallet. ()
- 9- Using electric cars is part of Egypt's strategy adopt green economy. ()
- 10- Using small electric buses could reduce the emissions rate . ()
- 11- Egypt launched its first locally manufactured electric car in February 2023.()
- 12- Using small electric buses could reduce the emissions rate . ()
- 13- The first locally manufactured electric car worked with fuel . ()
- 14- The current vehicles can be upgraded with long-lasting lithium-ion batterie.()
- 15- The first locally manufactured electric car maximum speed is 60 km/hr . ()

Second: Choose the correct answer from the brackets:

- 1- using small electric buses could the emissions rate

- a- reduce b- Increases c- Doesn't affect d- all of above
- 2- most of the minibus drivers in the capital Kathmandu were
a- Men b- Women c- Kids d- all of above
- 3- Ms. Sonika co-founded the company
- A- Agricultural Technology B- Financial Technology
C- Industrial Technology d- all of above
- 4- You can store money on your device using the application.
A- Facebook B- Yahoo C- Mobile Wallet D- Digital footprint
- 5- The first locally manufactured electric car work with.....
a- gas b- lithium-ion battery c- fuel d- water
- 6- As part of its strategy to adopt a green economy, Egypt launched its first ...
a- fast train b- Satellite channel
c- locally manufactured electric car d- digital educational platform

Theme 4 Lesson 2 : OPERATING SYSTEMS AND SOFTWARE

First: Put the (True) or (False) :-

- 1- The operating system is an unimportant program that can be dispensed with in the computer. ()
- 2- Programs can be removed from the computer using the control panel. ()
- 3- Without an operating system, your computer will be useless. ()
- 4- It is possible for the computer to work easily without an operating system. ()
- 5- The operating system (OS) is a program that manages the functions of the computer. ()
- 6- The hardware and software settings in the control panel cannot be changed. ()
- 7- The operating system (OS) is the one that manages the functions of the computer and its associated devices. ()
- 8- Smartphones and tablets use one operating system, Android. ()

- 9- Most laptops and computers have android pre-loaded. ()
- 10- It is difficult to download some programs necessary to operate the printer on your device via the Internet. ()
- 11- The operating system is considered the most important program in your computer . ()
- 12- You can modify the device and programs settings through the control panel.()
- 13- Macintosh computers use macOS operating system. ()
- 14- The changes you make in the Control Panel don't automatically applied to other software in your computer. ()
- 15- Smartphones and tablets use different operating system as (Android).()
- 16- The layout and graphical interface of the Control Panel isn't different in each version of Windows. ()

Second: Choose the correct answer from the brackets:

- 1- is one of the most important programs on your computer.
A- Photo editing B- Operating system C- Digital wallet d- Excel
- 2- The operating system is an essential part of
A- Software B- Hardware C- Systems d- data
- 3- The operating system (OS) is the program that manage's
A- computer functions B- Manages programs and devices
C- Both are correct d- all of above
- 4- The operating systemis the most common on desktop computers.
A- Windows B- Android C – Linux d- all of above
- 5- OS manages different units of computer, such as.....
a. CPU b. memory c. storage d. all of them
- 6- manages computer functions and facilitates easy communication between the user and the device.
A. Microphone B. Printer C. Scanner D. Operating systems
- 7- When you plug a new printer into a PC the Windows will.....

Second: Choose the correct answer from the brackets:

1- Images can be inserted into a document by clicking on the tab Then clicking on Choose Images.

- A- Design B- Layout C- Insert D- DRAW

2- Services depend on the device's connection to the Internet.

- A- Email B- Paper mail C- Paper magazines D- PRINTED

3- is an example of an instant messaging application.

- A- Windows B- GPS C- SmartArt D- WhatsApp

4- Microsoft Word is used in

- A- Sharing information B- Writing reports C- Both D- NONE

5- to view a document before saving or printing

- a- Painting tools b- language tools c- preview tools D- INSERT

6- The Program used to type reports.

- a- GIMP b- HTML c- JavaScript d- Microsoft word

7- Send and receive free message all over the world is one of the.... advantages.

- a- paint b- WhatsApp c- electronic games d- programming language

Theme 4 Lesson 4 : Questions : CREATING A PRESENTATION

First: Put the word (True) or (False) :-

- 1- You can create presentations that rely on movement and sound using Excel. ()
- 2- PowerPoint provides options to add movement to sentences and words on slides. ()
- 3- In presentations, the font size should not be less than 30. ()
- 4- PowerPoint helps you understand the material presented better than plain text. ()
- 5- Microsoft PowerPoint can be used to create presentations that express your opinions and ideas. ()
- 6- If there are any text errors or layout issues, you can make changes in Review mode. ()
- 7- WhatsAppTM can be used to create offers. ()

- 8- PowerPoint presentation must exceed 10 slides . ()
- 9- PowerPoint has animation options that allow you to add movement to sentences and words on slides. ()
- 10- The PowerPoint presentation should exceed 20 minutes. ()

Second: Choose the correct answer from the brackets:

- 1- The slide size is changed through the tab.
A- Insert B- PRINT C- Design D- File
- 2- To save the presentation file, you must click on
A- Insert B- Design C- Save As D- FORMAT
- 3- The presentation is printed in PowerPoint from the tab.
A- File B- Insert C- Design D- FORMAT
- 4- When writing text in a presentation, the font size must not be smaller than
A-30 B-20 C-10 D- 40
- 5- The recommended rule that must be followed in PowerPoint presentations
A- 10-20-30 B- 20-30-40 C- 5-10-15 D- 30-40-50
- 6- It is a tab in Power Point that allows you to choose the size of your slide.
a- File tab b- Insert tab c- Design tab D- FORMAT TAB
- 7- the PowerPoint presentation shouldn't exceed based on the 10-20-30 rule.
a- 20 slides b- 10 slides c- 10 colors D- 40 MINUTS
- 8- The program allows you to add movement to sentences and words on slides.
A- GIMP B- HTML C- Microsoft PowerPoint D- Microsoft Word
- 9- Fonts smaller than points should not be used
A- 10 B- 20 C- 30 D- 40

Theme 4 Lesson 5 : Questions : CREATING A DATABASE

First: Put the word (True) or (False) :-

- 1- Only simple data (name, email) can be stored in your databases. ()
- 2- You must write "--" at the beginning of the cell to create a formula in Excel. ()

- 3- To create a formula in Excel, you must start with the equal sign =. ()
- 4- Excel does not allow adding text to cells, but it allows adding numbers only. ()
- 5- Databases store a small amount of information and data. ()

Second: Choose the correct answer from the brackets:

1- Companies use to record their employees' data.

- A- Databases B- Digital blogs C- Social sites D- message service

2- Which of the following formulas is a correct formula that can be used in Excel

- A- C5+B6 B- =A3+D2 C- AB3-B1 D- N2**N5

3- The symbol is used in Excel to perform mathematical operations.

- A- @ B- \$ C- = D- #

4- To create a formula in Microsoft Excel, the ... symbol must be written in the cell.

- A- + B- = C- / D- #

5- Databases can be used in Excel to collect information about

- A- People B- Places C- things D- All of the above

6- symbol is used for diving numbers in excel formulas.

- a- + b- * c- / D- =

Theme 4 Lesson 6 : Questions : CREATING DIGITAL PROJECTS

First: Put the word (True) or (False) :-

- 1- You can change the colors of the flowchart in PowerPoint. ()
- 2- Adding visuals to any presentation makes it attractive. ()

Second: Choose the correct answer from the brackets:

1- PowerPoint uses the tool to create flowcharts.

- A- SmartArt B- Video C- Picture D- SIZE

2- To add information to the flowchart, click on

- A- Picture B- Text C- Video D- AUDIO

3- When giving a presentation, you should speak

A- Randomly. B- Low voice. C- Slowly D- FAST

4- Not considered visualizations in a Power Point presentation.

a- Text b- Videos C- PICTURE D- Music

5- via the tab, click on SmartArt to create a flowchart in PowerPoint.

a- Design b- review c- insert D- FILE

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