إصدار
من سلسلة كتب المعاصر
لطلاب المدارس الرسمية والخاصة لغات
غير مخصصة للبيع

EL-MOASSER

Guide

Final Revision



Quick Look

الكمبيوتر وتكنولوچيا المعلومات والاتصالات

ICT

COMPUTER & INFORMATION AND COMMUNICATION TECHNOLOGY

2nd Prep. 2026

FIRST TERM

الصف الثانى الإعدادى

الفصل الدراسى الأول

طبقاً لأحدث مواصفات الورقة الامتحانية ٢٠٢٥ – ٢٠٢٦

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EL-Moasser Sample Tests

نماذج اختبارات من كتاب المعاصر



Sample Test 1

1 Put (✓) or (✗) for the following sentences.

1. Sharing your personal information with anyone you trust online is always safe. ( )
2. Robots assist in agriculture by automatically watering plants. ( )
3. Intelligent systems are unable to cope with melting ice. ( )
4. Internet-Connected devices are a source of big data. ( )

2 Choose the correct answer from a, b, c or d.

1. What is the main role of sensors in IOT ? ..... .
   a. Sending text messages b. Manually operating devices
   c. Collecting and transferring data d. Repairing networks

2. Systems that combine robotics, IOT, and AI are called ..... .
   a. Traditional systems b. Intelligent Interconnected systems
   c. Manual systems d. Mechanical systems

3. One of the ways through which CSS formats can be incorporated into HTML code ..... .
   a. Selector b. Responsive c. Href d. External CSS

4. ..... is one of the artificial intelligence tools that help build websites.
   a. Paint b. Word c. Wegic.ai d. PowerPoint

3 Complete the following sentences.

1. When choosing a ..... for a user interface I should be pleasing to the eye and easy to read.
2. The prompt is the ..... enter into the AI tool.
3. The "About Us" page is used to provide an introductory ..... about the website's topic.
4. After creating a website, you can perform simple ..... on it.

Sample Test 2

1 Put (✓) or (✗) for the following sentences.

1. An external CSS file is included in HTML using <link> Tag. ( )
2. AI is just a set of theoretical algorithms incapable of learning or providing real value without big data. ( )
3. The rel="stylesheet" attribute is used to link a CSS file to an HTML file. ( )
4. Spear Phishing target the personal information of specific individuals. ( )

2 Choose the correct answer from a, b, c or d.

1. The term "security updates" means ..... .
   a. changing the appearance of the operating system.
   b. adding new features to the software
   c. fixing security vulnerabilities in software and hardware
   d. speeding up applications performance.

2. The Primary role of sensors in IOT is ..... .
   a. sending text messages.
   b. repairing networks
   c. collecting and linking data
   d. manually operating devices

3. How can robots help in floods ? ..... .
   a. Increasing water level
   b. Closing all roads for no reason
   c. By draining water or rescuing people
   d. Ignoring warnings

4. What is The potential drawback of fully Relying on IOT for smart system ?
   a. Reducing the efficency of devices.
   b. Increasing internet speed.
   c. Inability to make decisions without AI.
   d. No need for robots.

3 Complete the following sentences.

1. A Tool like wegic AI works based on the text to simplify building ..... , ...
2. The first step in creating a website with AI is to .....
3. ..... Program helps detect and remove malware from your device.
4. Attempts to steal your personal information via fake email are called .....

Sample Test 3

1 Put (✓) or (✗) for the following sentences.

1. AI is just a set of theoretical algorithms that are incapable of learning or delivering real value without big data. ( )
2. Advanced AI applications include predictive analytics and computer vision. ( )
3. Intelligent systems improve the efficiency of self-driving cars by increasing fuel consumption. ( )
4. The footer represents the bottom part of the page or container. ( )

2 Choose the correct answer from a, b, c or d.

1. The primary role of sensors in IOT is ..... .
   a. sending text messages. b. repairing networks
   c. collecting and linking data d. manually operating devices
2. ..... is one of big data type.
   a. Engineering data b. Formal data c. Structured data d. Pivot data
3. How can AI help manage energy in a smart home ..... .
   a. turning on appliances randomly
   b. analyzing usage patterns and saving energy
   c. turning off all electricity completely d. increasing energy consumption
4. Which of the following is a fundamental principle of user Experience (UX) design ? .....
   a. Using decorative font to attract attention
   b. Providing clear and easy navigation for user
   c. Using as many colors as possible
   d. Placing as much information on a single page as possible

3 Complete the following sentences.

1. A ..... program encrypts your files and demands a ransom to recover them.
2. To create a website that show your ideas to the world you need .....
3. Text commands should be ..... for AI to understand.
4. Tricking people to get confidential information is called .....

Sample Test 4

1 Put (✓) or (✗) for the following sentences.

1. Sharing your personal information with anyone you trust is safe. ( )
2. <font> tag used to format texts in modern HTML pages. ( )
3. Data cleaning means dealing with errors, duplication or incorrect data. ( )
4. Big data is not the raw material that feeds artifical intelligence. ( )

2 Choose the correct answer from a, b, c or d.

1. What action can AI take when it detects increased air pollution ?
   a. Ignore the data.
   b. By ignoring warnings.
   c. Send warnings to residents and reduce factory emissions.
   d. Turn off all devices.

2. What is the biggest challenge in implementing smart systems on a large scale ?
   a. High cost and maintenance requirements.
   b. Increased speed.
   c. Decreased efficiency.
   d. Unnecessary.

3. What is meant by the principle of consistency in interface design ? ..... .
   a. Shape of buttons and colors change on every page
   b. Elements are displayed randomly to attract attention
   c. There is a variation in page design to break boredom
   d. The interface maintains same style and appearance

4. The first stage of big data processing ? ..... .
   a. Data storage
   b. Data cleaning
   c. Big data collection
   d. Data analysis

3 Complete the following sentences.

1. From websites importances in current days that is a ..... way and display information.
2. The user interface (UI) is designed focusing on making a product .....
3. A tool like wegic AI works based on the text to simplify building .....
4. After creating a website you can perform simple ..... on it.

Sample Test 5

1 Put (✓) or (✗) for the following sentences.

1. AI does not use big data to understand customer interactions with products and services. ( )
2. CSS can be used to change the font size and color. ( )
3. The principle of easy navigation is one of the (UX) design principles of helping user to find what he is looking for. ( )
4. <footer> represent the top part of the page of or container. ( )

2 Choose the correct answer from a, b, c or d.

1. ..... is considered an innovative solution to reduce waste at home.
   a. Throwing waste in streets b. Not caring about matter
   c. Increasing waste d. Using Robots to sort waste
2. The first stage of big data Processing ? ..... .
   a. Data storage b. Data cleaning c. Big data collection d. Data analysis
3. How can smart system improve quality of life in cities ..... .
   a. by increasing pollution
   b. by shutting down all services
   c. improving services such as health, energy, transportation
   d. ignoring the need of inhabitants
4. If you want to make your website about sports club, which prompt is the most appropriate first step ? ..... .
   a. "Choosing a blue design" b. "Add a contact page"
   c. "Create a website for a sports club" d. "Add pictures of books"

3 Complete the following sentences.

1. ..... helps detect and remove malware from your device.
2. Text commands should be ..... for the AI to understand.
3. A ..... program encrypts your files and demands a ransom to recover them.
4. In DDOS attacks, a network of compromised devices is called .....

Sample Test 6

1 Put (✓) or (✗) for the following sentences.

1. You can use wegic AI to create a simple website using Text commands. ( )
2. The importance of websites is limited to large companies only. ( )
3. After analyzing big data the process of extracting information to make decision take place. ( )
4. To write a main heading inside a webpage <h1> tag is used. ( )

2 Choose the correct answer from a, b, c or d.

1. Systems that combine robotics, IOT and AI are called ..... .
   a. traditional systems
   b. intelligent interconnected systems
   c. manual system
   d. mechanical systems

2. The code body {text-align: center;} in CSS is used for ..... .
   a. making text bold
   b. making font color light cyan
   c. horizontal and vertical centering of the page
   d. centering text horizontally in the middle of the page

3. What is main difference between IOT and AI ? ..... .
   a. AI connects to internet, IOT analyzes data
   b. IOT builds robots, AI repair them
   c. IOT Connects to internet, AI analyzes data
   d. There is no difference between them

4. ..... is a page used to add information about the website topic.
   a. Contact b. Photo c. About Us d. Home

3 Complete the following sentences.

1. To help AI better understand your request make the ..... simple and clear.
2. The primary purpose of creating website is .....
3. The potential drawback of fully relying on iot for smart system is .....
4. Robots help in floods by .....

Sample Test 7

1 Put (✓) or (×) for the following sentences.

1. Big data is not the raw material that feeds artifical intelligence. ( )
2. Big data can be easily processed using excel. ( )
3. Disabling a website or internet service by sending huge amount of requests is called baiting. ( )
4. Smart systems help reduce pollution from factories. By shutting them down. ( )

2 Choose the correct answer from a, b, c or d.

1. One of the major challenges facing the widespread implementation of smart system is ..... .
   a. high cost and maintenance requirements
   b. increased speed
   c. reduced efficiency
   d. mechanical systems

2. The ..... tag which is used to define the browser title bar.
   a. <body> b. c. <title> d. section

3. What is The main difference between IOT and AI ? ..... .
   a. AI connects to internet, IOT analyzes data
   b. IOT builds robots, ai repair them
   c. IOT connects internet, AI analyzes data
   d. There is no difference between them

4. What is The primary goal of Distributed (DDOS) attack ? ..... .
   a. Stealing user data b. Disabling a website or online service
   c. Spreading false information d. Spying on user communications

3 Complete the following sentences.

1. Tricking people into revealing their information is ..... technique.
2. The role of artificial intelligence in education can be evaluated by ..... .
3. ..... is a program that encrypts your files and demand a ransom to decrypt them.
4. ..... helps detect and remove malware from your device.

Sample Test 8

1 Put (✓) or (×) for the following sentences.

1. Smart systems help reduce pollution from factories by shutting them down. ( )
2. DDOS attacks only one device. ( )
3. In CSS code, the selector specifies properties like color and size. ( )
4. The main menu on website with clear buttons is an example of good navigation design. ( )

2 Choose the correct answer from a, b, c or d.

1. The primary role of sensors in IOT is ..... .
   a. sending text messages
   b. repairing networks
   c. collecting and linking data
   d. manually operating devices
2. ..... is one of the big data types.
   a. Engineering data b. Formal data c. Structured data d. Pivot data
3. How can robots help in agriculture ? ..... .
   a. By selling crops
   b. By automatically watering plants
   c. By shutting down farms
   d. By storing water only
4. Which of the following is considered a social engineering technique ? ..... .
   a. Using programs to crack passwords
   b. Tricking people into revealing their information
   c. Sending viruses via email
   d. Exploiting software vulnerabilities

3 Complete the following sentences.

1. After creating a website, you can perform simple ..... on it.
2. ..... helps detect and remove malware from your device.
3. Text commands should be ..... for AI to understand.
4. Attempts to steal your personal information via fake email are called .....

Sample Test 9

1 Put (✓) or (×) for the following sentences.

1. Spear phishing doesn't target the personal information of specific individuals. ( )
2. AI does not use big data to understand customer interactions with products and services. ( )
3. <footer> represent the bottom part of the page or container. ( )
4. The rel="stylesheet" attribute is used to link a CSS file to an HTML file. ( )

2 Choose the correct answer from a, b, c or d.

1. Big Data helps machine learning algorithms automate tasks in fields such as ..... .
   a. customer service b. logistics
   c. financial services d. all of them
2. What are the scripts (Text) we write to an AI tooL to create a website called ? .....
   a. Code b. Descriptive image c. Prompt d. URL
3. The first stage of big data processing ..... .
   a. data storage b. data cleaning
   c. big data collection d. data analysis
4. The ..... tag which is used to define the browser title bar.
   a. <body> b.   c. <section> d. <title>

3 Complete the following sentences.

1. When choosing ..... for a user interface it should be pleasing to the eye and easy to read.
2. In DDos attacks, a network of compromised devices is called ..... .
3. A tool like wegic.ai works based on the text to simplify building ..... .
4. The first step in creating a website with AI is to ..... .

Sample Test 10

1 Put (✓) or (✗) for the following sentences.

1. Sharing your personal information with anyone you trust online is always safe. ( )
2. An external CSS file is included in HTML using <link> tag. ( )
3. User experience (UX) design focusing on making a product visually attractive only. ( )
4. Using decorative fonts improve text legibility in UI. ( )

2 Choose the correct answer from a, b, c or d.

1. What is the main Role of sensors in IOT ? ..... .
   a. Sending text messages b. Manually operating devices
   c. Collecting and transferring data d. Repairing networks
2. Big data helps automatic learning in ..... .
   a. customer services b. logistics c. finance d. all of them
3. ..... is one of big data types.
   a. Engineering b. Formal c. Structured d. Pivot
4. The Text command we write to an AI tool to create a website called .....
   a. code b. descriptive image c. prompt d. URL

3 Complete the following sentences.

1. The "....." page is used to provide an introducing information about website topic.
2. ..... helps detect and remove malware from your device.
3. Robots help in floods by ..... .
4. ..... is a program that encrypts your files and demand a ransom to decrypt them.