

CIW 1D0-510

CIW 1D0-510 CIW v5 Founfations Exam

Practice Test

Version 1.1

QUESTION NO: 1

What is spyware?

- A. Software that opens an undocumented port on your server and allows attackers to control your system
- B. Software that determines and reports improper software licensing
- C. Software that gathers information and relays it to outside parties
- D. Software that reports security holes to hackers

Answer: C

QUESTION NO: 2

Each system in a TCP/IP network must be configured with an IP address and a subnet mask. The subnet mask identifies what parts of an IP address?

- A. Loopback and broadcast
- B. Network portion and host portion
- C. The number of bytes per field
- D. Source and destination

Answer: B

QUESTION NO: 3

In XHTML, what is one of the functions of the <input> tag?

- A. To create a check box in a form
- B. To create a scrolling select list in a form
- C. To create a record in a database
- D. To create a data cell in a table

Answer: A

QUESTION NO: 4

Three factors affect every project, and when one factor is adjusted, it affects the others. This relationship is known as the Project Triangle. What are the three factors in the Project Triangle?

- A. Gantt charts, tracking and documentation
- B. Testing, evaluating and controlling

- C. ROI, quality and stakeholders
- D. Time, money and scope

Answer: D

QUESTION NO: 5

Which of the following Web site maintenance functions helps ensure that users continue to visit your site?

- A. Clearing the cache
- B. Fixing dead links
- C. Changing page locations
- D. Moving links

Answer: B

QUESTION NO: 6

Which type of encryption uses a pair of keys, in which one key is used to encrypt information and the other key is used to decrypt that information?

- A. Hash encryption
- B. One-way encryption
- C. Symmetric encryption
- D. Asymmetric encryption

Answer: D

QUESTION NO: 7

Lo-An created her Web site using XHTML frames. She adds an inline frame into one of her existing frames. Which of the following will result?

- A. A floating frame that allows a separate document to be inserted in the page
- B. A page that will fail validation because it is not user-friendly
- C. A new borderless frame that appears in a separate pop-up browser window
- D. A page that will validate to XHTML 1.0 Strict standards

Answer: A

QUESTION NO: 8

In general, which choice lists the protocols that must be configured in order to send and receive e-mail?

- A. SMTP and POP3
- B. HTTP and SMTP
- C. NNTP and IMAP
- D. POP3 and IMAP

Answer: A

QUESTION NO: 9

Which of the following accurately describes a difference between a Java servlet and a PHP script?

- A. Servlets can be used only to communicate with databases, whereas PHP scripts can be used to provide additional features.
- B. Servlets must be interpreted, whereas PHP scripts are only compiled.
- C. PHP scripts can be used only to communicate with databases, whereas servlets can be used to provide additional features.
- D. Servlets must be compiled, whereas PHP scripts are only interpreted.

Answer: D

QUESTION NO: 10

Which layer of the Open Systems Interconnection reference model (OSI/RM) organizes transmitted information into datagrams or packets?

- A. Session layer
- B. Network layer
- C. Data link layer
- D. Application layer

Answer: B

QUESTION NO: 11

What is an intranet?

- A. A searchable internal repository that stores an organization's proprietary documents

- B. A TCP/IP-based network accessible only by an organization's members and employees
- C. A TCP/IP-based network accessible only by an organization's internal employees and select external clients
- D. A worldwide network available to anyone who has a TCP/IP connection on a computer

Answer: B

QUESTION NO: 12

The ICANN assigns your company the network address 206.57.26.0. What is the default subnet mask for this network?

- A. 255.255.0.0
- B. 255.255.255.255
- C. 255.255.255.0
- D. 255.0.0.0

Answer: C

QUESTION NO: 13

You have two computers, each with a different operating system. One is a Linux system, which uses the Gnu Public License (GPL). You can use this Linux software free of charge, and you can make changes to code that created the operating system. The other system is a Windows system. Which of the following describes a typical commercial software license?

- A. It allows you to make changes to the operating system code, but only if you agree not to redistribute the code.
- B. It describes the steps you must first perform to install the system.
- C. It allows you to use the software, but does not imply any penalties if you violate the license.
- D. It describes the right to use the software on a single computer.

Answer: D

QUESTION NO: 14

You are hosting a Web server in your office. Your ISP will provide connectivity. What do you need from your ISP in order to publish your site?

- A. Directory locations
- B. A user name and password

- C. A DNS name or IP address
- D. Permissions to use CGI

Answer: C

QUESTION NO: 15

You want to find information about Java. You visit a popular search engine and manually search through a directory tree of topics until you find a directory titled "Computers" and a subdirectory titled "Programming Languages." You select the topic "Java" and look through a list of indexed pages on that topic, then choose one page with which to begin your research. Which type of search index did you use?

- A. Boolean index
- B. Keyword index
- C. Static index
- D. Full-text index

Answer: C

QUESTION NO: 16

What is a cookie?

- A. A file created by the browser each time its user accesses a Web site.
- B. A virus placed on a computer by spyware to delete directories.
- C. An image file that expands to fill a browser's cache.
- D. A text file placed on a client by a Web server to track user preferences.

Answer: D

QUESTION NO: 17

Which of the following eventually becomes a site map?

- A. A needs analysis
- B. A scope diagram
- C. A storyboard
- D. A stakeholder meeting

Answer: C

QUESTION NO: 18

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- B. A file created by the browser each time its user accesses a Web site.
- C. A virus placed on a computer by spyware to delete directories.
- D. A text file placed on a client by a Web server to track user preferences.

Answer: D

QUESTION NO: 19

Changes in project scope tend to occur:

- A. in small rather than large increments.
- B. in large rather than small increments.
- C. only in large corporate projects.
- D. only in software development projects.

Answer: A

QUESTION NO: 20

What is Dynamic Host Configuration Protocol (DHCP)?

- A. A protocol for assigning IP addresses to devices on a network
- B. A protocol that allows a client and a server on the same host to communicate with each other
- C. The LAN access protocol used by Ethernet
- D. A protocol that allows numerous subnetworks to exist within a network

Answer: A

QUESTION NO: 21

You need to register a domain name for the Web sites that will promote your company's new product in international markets. You decide to register several top-level domains, such as .ca, .au and .ae, in addition to the commonly used .com domain. Why would you do this?

- A. To ensure that customers remember the spelling of your product name
- B. To ensure that you can sell your product legally in various countries
- C. To make it easier for search engines to find your Web site
- D. To appeal to the national identities of your customers

Answer: D

QUESTION NO: 22

What is the primary purpose of the Domain Name System (DNS)?

- A. To allow users at one site to connect with a remote system at another site
- B. To map easily recognizable names to specific Internet addresses
- C. To determine the best route for data to travel between a client and a server
- D. To provide regular Internet access and e-mail service

Answer: B

QUESTION NO: 23

Winston's computer has the IP address 192.168.23.115. Winston uses a direct connection to the Internet, but he cannot access any resources on the Internet. What is the most probable cause?

- A. 192.168.23.115 is a private IP address.
- B. 192.168.23.115 is a unique IP address.
- C. 192.168.23.115 is a loopback address.
- D. 192.168.23.115 is a reserved address for Internet routers.

Answer: A

QUESTION NO: 24

In Cascading Style Sheets (CSS), which type of style sheet uses the @ ("at") symbol?

- A. Embedded
- B. Linked
- C. Imported
- D. Inline

Answer: C

QUESTION NO: 25

When creating its Web presence, a business should choose its domain name carefully so that users will be able to recall it easily. Every domain name is unique. With which of the following must each domain name be registered?

- A. ICANN
- B. DNS
- C. W3C
- D. FQDN

Answer: A

QUESTION NO: 26

Your co-worker is not familiar with technical concepts. He asks you to explain Secure Shell (SSH) and the way it works. Which of the following is an appropriate and accurate explanation you can give to this non-technical person?

- A. SSH uses RSA and public keys to authenticate and encrypt before you can defragment the hard drive.
- B. SSH uses DSA and RSA to protect authentication information, and asymmetric-key encryption to provide data confidentiality.
- C. SSH allows you to gain secure access to a remote computer and then execute commands to control the system.
- D. SSH uses a Telnet-like interface, public keys or standard authentication methods, and then symmetric keys.

Answer: C

QUESTION NO: 27

Your manager has asked you about the essential difference between worms and viruses. Which of the following is true?

- A. A virus is self-replicating, whereas a worm requires some sort of user action.
- B. A virus can work only on Windows systems, whereas a worm can work on any common platform (e.g., Macintosh, UNIX, Windows).
- C. A worm can work only on Windows systems, whereas a virus can work on any common platform (e.g., Macintosh, UNIX, Windows).
- D. A worm is self-replicating, whereas a virus requires some sort of user action.

Answer: D

QUESTION NO: 28

What is the purpose of the <!DOCTYPE> statement in an XHTML document?

- A. To indicate that the XHTML code has been properly validated
- B. To specify the version of XHTML used in the document
- C. To enable pages to be automatically redirected
- D. To ensure strict compliance with CSS standards

Answer: B

QUESTION NO: 29

Perl, .Net and PHP are all examples of:

- A. database technologies.
- B. application programming interfaces.
- C. client-side scripting technologies.
- D. server-side scripting technologies.

Answer: D

QUESTION NO: 30

When creating its Web presence, a business should choose its domain name carefully so that users will be able to recall it easily. Every domain name is unique. With which of the following must each domain name be registered?

- A. W3C
- B. DNS
- C. ICANN
- D. FQDN

Answer: C

QUESTION NO: 31

Which choice best defines Return On Investment (ROI)?