

1. When using a web browser, each address normally starts with the letters http. What does the "h" represent?

High

- a. Hyper
 - b. Head
 - c. Height
 - d. Hydro
2. A web browser browses the Internet with all of the following types of connections EXCEPT a:
 - a. wireless connection.
 - b. firewalled connection.
 - c. proxy-server connection.
 - d. stand-alone connection.
 - e. direct connection.
 3. To view web pages, the best protocol to use is:
 - a. http.
 - b. ftp.
 - c. nntp.
 - d. smtp.
 - e. www.
 4. To transfer files, the best protocol to use is:
 - a. http.
 - b. ftp.
 - c. nntp.
 - d. smtp.
 - e. www.
 5. To transfer e-mail messages, the best protocol to use is:
 - a. http.
 - b. ftp.
 - c. nntp.
 - d. smtp.
 - e. www.
 6. A specialized system used to aid geographic mapping systems is called:
 - a. geographic information system.
 - b. business intelligence.
 - c. decision support system.
 - d. expert system.
 - e. statistical analysis.
 7. A specialized system used to help make high-level decisions based on complex business intelligence information is called:

- a. geographic information system.
 - b. business intelligence.
 - c. decision support system.
 - d. expert system.
 - e. statistical analysis.
8. A specialized system designed to ask questions, collect data, and provide a suggested solution, often with a specific degree of accuracy, is called:
- a. geographic information system.
 - b. business intelligence.
 - c. decision support system.
 - d. expert system.
 - e. statistical analysis.
9. Which of the following is the standard for electronic data interchange transfers from the American National Standard Institute?
- a. IEEE
 - b. 802.11
 - c. X12
 - d. ACM
 - e. ASCII
10. Benefits of electronic data interchange include all of the following EXCEPT:
- a. it is more accurate than traditional transaction processing.
 - b. it is faster than traditional transaction processing.
 - c. it uses fewer natural resources than traditional transaction processing.
 - d. it is more secure than traditional transaction processing.
 - e. it makes just-in-time processing more difficult and time-consuming.

Answers

1. The correct answer is B, Hypertext. The http represents hypertext transfer protocol used by most web browsers. The web browser has been instructed to use this protocol for a particular operation. There are other protocols available for use by web browser (e.g., ftp, news), but http is by far the most common.
2. connected via a network to any other computer or device. Any computer that is not connected to anything is incapable of browsing the Internet. A wireless connection uses a wireless signal and an antenna to connect to another computer that is connected to the Internet, granting access to the initial computer. A firewalled computer is one that is connected to another computer, a firewall, that provides limited access to the Internet. A proxy-server connected computer connects to another machine, a proxy server, that provides access to the Internet. A direct connection is a computer that is connected via a hub, router, or other device, directly to the Internet.

3. The correct answer is A, http. The hypertext transfer protocol, or http, is the primary protocol used on the Internet to view web pages that are encoded, using HTML language. The file transfer protocol, or ftp, is a protocol used to transfer files of all sizes through networks and the Internet. The network news transfer protocol, or nntp, is a protocol used to transfer news and information through Internet newsgroups. The simple mail transfer protocol, or smtp, is the primary protocol used across the Internet for transferring e-mail files. The world wide web, or www, is not actually a protocol with which to do anything on the web; it simply identifies the world wide web.
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6. The correct answer is A, geographic information system. The geographic information system is designed to work with geographic data, including maps and related information. Business intelligence represents data that are collected and analyzed to aid in business planning. The decision support system is configured to make high-level business decisions based on large amounts of business data. An expert system is an artificial intelligence system that is designed to take the place of an expert in a specific field. This system collects data based on responses to questions and attempts to determine the best solution, just as an expert would. Statistical analysis is simply the process of analyzing statistics.
7. The correct answer is C, decision support system. The decision support system is a complex specialized system that is configured to make high-level business decisions based on large amounts of business data. The geographic information system is designed to work with geographic data, including maps and related information. Business intelligence represents data that are collected and analyzed to aid in business planning. An expert system is an artificial intelligence system that is designed to take the place of an expert in a specific field. This system collects data based on responses to questions and attempts to determine the best solution, just as an expert would. Statistical analysis is simply the process of analyzing statistics.
8. The correct answer is D, expert system. An expert system is an artificial intelligence system designed to take the place of an expert in a specific field. This system collects data based on responses to questions and attempts to determine the best solution, just as an expert would.

The geographic information system is designed to work with various types of geographic data, including maps and related information. Business intelligence represents data that are collected and analyzed to aid in business planning. The decision support system is a complex specialized system that is configured to make high-level business decisions based on large amounts of business data. Statistical analysis is simply the process of analyzing statistics.

9. The correct answer is C, X12. The X12 is a set of standards approved by the American National Standard Institute (ANSI) to enable electronic data interchange transfers from one company to another. The Institute for Electrical and Electronic Engineers (IEEE) is an organization that is not related to ANSI. The standards developed by IEEE, 802.11, are used to determine how to undertake wireless communication between computers. The Association for Computing Machinery (ACM) is not affiliated with ANSI. The American Standard Code for Information Interchange (ASCII) is a set of definitions for character sets developed by ANSI.
10. The correct answer is E, it makes just-in-time processing more difficult and time-consuming. In fact, electronic data interchange makes just-in-time processing much simpler and faster. It is also more accurate, faster, uses fewer natural resources, and is more secure than traditional transaction processing.