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## Graded Quiz: Explore technology concepts and application architecture

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1. Fill in the blank to identify the Web component described. The \_\_\_\_\_ is responsible for presenting the requested web pages and content on your browser screen.

1 / 1 point

- ☒ rendering engine
- ☐ browser engine
- ☐ JavaScript interpreter
- ☐ user interface



Add feedback about why this option is incorrect

2. Which of the following are reasons to update your Web browsers? Please select all the apply.

1 / 1 point

- ☒ To take advantage of new browser features



Taking advantage of new browser features is a reason to update your Web browser.

- ☐ To adhere to Legal requirements

- ☒ to enhance Website compatibility



Improving Website compatibility is a reason to update your Web browser.

- ☒ To improve Security



Improving security is a reason to update your Web browser.

3. True or false? A browser extension is an executable piece of software code that gives you added functionality on a specific web page or website.

1 / 1 point

- ☐ True
- ☒ False



The statement is not correct. Browser extensions typically consist of source code that is not executable.

4. Which one of the following is NOT an advantage of using a proxy server?

1 / 1 point

- ☐ A proxy server can help organizations maintain web security, web monitoring, and content filtering when employees are browsing the Internet.
- ☐ A proxy server can help by-pass certain content restrictions.
- ☐ A proxy server can help reduce an organization's bandwidth usage and improve the speed of web requests.
- ☒ A proxy server will clearly identify the site user's computer.



**Correct**

Actually, a proxy server acts as a go-between so that a site visitor appears to be the proxy server, rather than an individual's computer. /Review the Basic Browser Security Settings video.

5. The best way to identify a secure website is to check for 'Connection is secure' by clicking on the \_\_\_\_\_.

1 / 1 point

- ☐ URL name in the address bar.
- ☐ privacy and security settings icon
- ☐ secure socket layer (SSL) certificate
- ☒ padlock icon next to the URL



**Correct**

Clicking the padlock icon next to the URL is the best way to identify a secure Web site.

6. True or false? Private browsing deletes browsing data locally, from your ISP, and from websites you visit once you close the private browsing window.

1 / 1 point

- ☐ True
- ☒ False



**Correct**

The statement is false. Private browsing does not hide browsing data from your ISP or from websites and web servers that you visit. It only hides it from users locally who might use the web browser after you.

7. Which of the following are benefits of disabling JavaScript in your Web browser? (Please select all that apply.)

1 / 1 point

- ☐ Ensures your browser will successfully view and load pages correctly.
- ☐ Enables the full browsing experience for videos, media, maps, and so on.
- ☒ Accelerated browsing speed



**Correct**

Accelerated browsing speed is a benefit since eliminating dynamic content will speed up web pages.

- ☒ Improved security



**Correct**

Improved security is a benefit as JavaScript to open the computer up to malicious code attacks.

8. \_\_\_\_\_ is a software licensing and delivery model in which software and applications are centrally hosted and licensed on a subscription basis.

1 / 1 point

- ☒ Software as a Service, or SaaS,
- ☐ Transactions as a Service, or TaaS
- ☐ Platform as a Service, or PaaS,
- ☐ Infrastructure as a Service, or IaaS,



**Correct**

SaaS is the software licensing and delivery model described in the statement.

9. Which application architecture model allows changes made quickly to individual tiers, each tier can have its own security setting, tiers can be load balanced, and each tier can be individually backed up?

1 / 1 point

- ☐ One-tier model

- 
- ☐ Two-tier model
  - ☐ Three-tier model
  - ☒ N-tier model



**Correct**

N-tier model allows changes made quickly to individual tiers, each tier can have its own security setting, tiers can be load balanced, and each tier can be individually backed up.

10. Which phase of the Software Development Lifecycle (SDLC) is when the developers start the coding process after the design document is baselined?

1 / 1 point

- ☐ The design phase
- ☒ The implementation phase
- ☐ The deployment phase
- ☐ The requirement analysis and planning phase



**Correct**

The implementation phase, sometimes called the coding phase, is when the developers start the coding process after the design document is baselined.