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Graded Final Quiz

Latest Submission Grade 85%

1. True or False? A computing platform is the environment where the hardware and the software work together to run applications.

1 / 1 point

- ☒ True
- ☐ False

✔ **Correct**

The statement about computing platforms is true as written.

2. Which one of the following is NOT associated with open source software?

1 / 1 point

- ☐ It can sometimes be used in commercial software, which is usually developed for profit, but can also include freeware.
- ☒ A company or individual owns the rights to the source code and software.
- ☐ The source code is available to be edited, modified, and redistributed.
- ☐ Users don't have to pay to download, install, or use the software.

✔ **Correct**

This is actually how closed source software works.

3. What type of software license allows multiple installations for a specified number of users, on many computers or devices?

1 / 1 point

- ☒ A corporate, campus, or site license
- ☐ Concurrent license
- ☐ EULA
- ☐ Single-use license

✔ **Correct**

A corporate, campus, or site license allows multiple installations for a specified number of users, on many computers or devices.

4. Which one of the following is NOT an example of utility software?

0 / 1 point

- ☐ Anti-malware software
- ☐ Preventative maintenance software
- ☒ Firewall software
- ☐ Document sharing software

✘ **Incorrect**

Firewall software is a type of utility software. /Review the Module 1 Productivity, Business and Collaboration Software video.

5. True or false? Executable files, compression files, media files, image files, and document files are all common file formats.

1 / 1 point

- ☒ True
- ☐ False



Correct

Executable files, compression files, media files, image files, and document files are all common file formats.

6. True or false? Web browsers are available only as a part of an operating system.

1 / 1 point

- ☐ True
- ☒ False



Correct

The statement is incorrect. Web browsers are also available as stand-alone applications.

7. _____ are small pieces of text-based data that contain information about your computer when browsing a website.

1 / 1 point

- ☒ Cookies
- ☐ Browser caches
- ☐ Proxy servers
- ☐ IP addresses



Correct

Cookies are small pieces of text-based data that contain information about your computer when browsing a website.

8. Which is the most common way to create dynamic web pages using 'client-side scripting'?

1 / 1 point

- ☒ JavaScript
- ☐ HTML
- ☐ XML
- ☐ Java



Correct

JavaScript is most commonly used to create dynamic web pages using 'client-side scripting'.

9. Which of the following are reasons to update your Web browsers? (Please select all that apply.)

1 / 1 point

☒ To improve Security



Correct

Improving security is a reason to update your Web browser.

☒ To take advantage of new browser features



Correct

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

☐ To adhere to Legal requirements

☒ To enhance Website compatibility

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

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

1 / 1 point

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

11. Which of the following are optional components when defining a function? (Please select all that apply.)

1 / 1 point

- ☐ Unique function name
- ☐ Function keyword
- ☒ Return statement

✓ **Correct**
Optionally, you may provide a return statement that will return an output value from the function.

- ☒ Pass arguments to the function

✓ **Correct**
Optionally, you can pass parameters, also known as arguments, to the function.

12. Which one of the following is NOT an example of an interpreted programming language?

1 / 1 point

- ☐ JavaScript
- ☐ HTML
- ☒ Java
- ☐ Python

✓ **Correct**
Java is actually an example of a compiled programming language.

13. What four key database operations does the acronym CRUD stand for?

1 / 1 point

- ☐ Correct, Read, Update, Detain
- ☐ Correct, Randomize, Undo, Delete
- ☐ Create, Read, Undo, Detain
- ☒ Create, Read, Update, Delete

✓ **Correct**
These are the terms referred to by CRUD.

14. What type of logic is where a computer program makes a decision following a different set of instructions, depending on if certain conditions are met during the program's execution?

1 / 1 point

- ☐ Looping
- ☐ Executing
- ☒ Branching
- ☐ Boolean



Correct

This is the definition of branching logic.

15. Which one of the following is NOT one of the three key standpoints for organizing code?

0 / 1 point

- ☒ Scalability
- ☐ Maintainability
- ☐ Readability
- ☐ Accessibility



Incorrect

Scalability is one of the three main standpoints for organizing code. / Review the Module 3 Understanding Code Organizational Methods reading.

16. What type of data requires an action to collect the information?

0 / 1 point

- ☐ Transactional data
- ☒ Personal data
- ☐ Web data
- ☐ Sensor data



Incorrect

This is not the type of data described in the question. / Review the Module 4 Types of Data, Sources, and Uses video.

17. _____ are made up of primary keys, which are the rules enforced on the data columns, certifying that the values in any column row do not repeat.

1 / 1 point

- ☐ Schemas
- ☐ Parameters
- ☐ Queries
- ☒ Constraints



Correct

Constraints are what is described in the statement.

18. _____ is the right to perform an activity, such as create, alter, or drop, on a specific type of object.

1 / 1 point

- ☐ Object permissions
- ☐ Database permissions
- ☒ *C: System permissions
- ☐ Individual permissions



Correct

System permissions is the right to perform an activity, such as create, alter, or drop, on a specific type of object.

19. A graph data store handles which types of information? (Please select all that apply.)

1 / 1 point

☐ Columns

☒ Nodes



Correct

Nodes are a type of information handled by a graph data store.

☒ Edges



Correct

Edges are a type of information handled by a graph data store.

☐ Strings

20. True or false? A database interface is a user interface which allows for the ability to input queries to a database without using the query language itself.

1 / 1 point

☒ True

☐ False



Correct

The statement about database interface is true.