**Question 1**

Correct

Mark 2.00 out of 2.00

⚐ Flag question

Javascript requires users to install a plugin for their browsers.

Select one:

○ True

◉ False ✔

Javascript is a built in to all browsers.

The correct answer is 'False'.

Question **2**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Javascript is scripting using the Java language.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What will the following javascript do?

```
const age = 16;
age = age +1;
console.log(age);
```

Select one:

○ a. Print 16

○ b. Print "age"

◉ c. TypeError ✓

○ d. Print 17

The correct answer is: TypeError

Question **4**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

An html document is represented by which data structure?

Select one:

○ a. Text File

◉ b. Tree  ✓

○ c. List

○ d. Database

The correct answer is: Tree

In the CSS rule:

```
p {
    background-color:green;
    border: 1px solid black;
}
```

The initial p is what?

Select one:

- ○ a. a style

- ○ b. a value

- ⦿ c. a selector ✔

- ○ d. an attribute

Your answer is correct.

The correct answer is: a selector

What will the following javascript do?

```javascript
a = {"real":2.4, "imag":0.0};
console.log(a.real);
```

Select one:
- ● a. Print 2.4 ✔
- ○ b. Print 0.0
- ○ c. SyntaxError
- ○ d. TypeError

The correct answer is: Print 2.4

Question **7**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

If I have an HTML element with id "target" which of the following will return that element in javascript?

Select one:

○ a. document.getElementById("target")  ✓

○ b. document.children.get("target")

○ c. window.getElementById("target")

○ d. document.children["target"]

The correct answer is: document.getElementById("target")

Which correctly loads a local javascript file?

Select one:

○ a. `<script>"leftright.js"</script>`

◉ b. `<script src="leftright.js"></script>`  ✔

○ c. `<script href="leftright.js"/>`

○ d. `<java script="leftright.js">`

The correct answer is: `<script src="leftright.js"></script>`

**Question 9**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

In SQL, how do you display all the columns from a table named "Persons"?

Select one:

○ a. SELECT Persons

◉ b. SELECT * FROM Persons ✔

○ c. SELECT *.Persons

○ d. SELECT [*] FROM Persons

○ e. SELECT [all] FROM Persons

Your answer is correct.

The correct answer is:
SELECT * FROM Persons

How can you return the number of records in the "Books" table?

Select one:

○ a. SELECT TOTAL( ) FROM Books

◉ b. SELECT COUNT(*) FROM Books                                    ✔

○ c. SELECT COLUMNS( ) FROM Books

○ d. SELECT COLUMNS(*) FROM Books

○ e. SELECT COUNT( ) FROM Books

○ f. None of these

Your answer is correct.

The correct answer is:
SELECT COUNT(*) FROM Books

Given a table created with the following statements:

```
CREATE TABLE music (genre varchar, popularity int);
INSERT INTO music VALUES ('k-pop', 500);
INSERT INTO music VALUES ('heavy metal', 220);
INSERT INTO music VALUES ('jazz', 392);
```

What is the output of
```
SELECT MAX(popularity) FROM music;
```

Answer:    500   ✔

The correct answer is: 500

Question **12**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the SQL clause used to sort a result set?

Select one:

○ a. ARRANGE BY

○ b. None of these

◉ c. ORDER BY ✓

○ d. SORT ASC

○ e. SORT BY

Your answer is correct.

The correct answer is: ORDER BY

## Question 13

Incorrect

Mark 0.00 out of 2.00

⚑ Flag question

Consider two tables with the following schema:

```
CREATE TABLE music (genre varchar, numsongs int);
CREATE TABLE songs (songname varchar, genre varchar);
```

Which best describes the output of the following select:

```
SELECT songs.songname FROM
songs JOIN music ON songs.genre=music.genre
WHERE genre.popularity > 400;
```

Select one:

○ a. The statement raises an error.

⦿ b. List all the songs with popularity > 400.  ✖

○ c. Lists all the genres that have at least one song with popularity > 400.

The correct answer is: The statement raises an error.

**Question 14**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Consider two tables with the following schema:
```
CREATE TABLE music (genre varchar, numsongs int);
CREATE TABLE songs (songname varchar, genre varchar);
```

Does the following SELECT statement succeed, or throw an error? If it fails, how can we fix it?
```
SELECT songname FROM songs WHERE genre = jazz;
```

Select one:
- ○ a. SELECT songname FROM songs WHERE genre = jazz;
- ○ b. SELECT songname FROM songs WHERE (genre = jazz);
- ○ c. This statement is fine as it is.
- ◉ d. SELECT songname FROM songs WHERE genre = 'jazz';  ✔
- ○ e. SELECT * FROM songs WHERE genre = jazz;

The correct answer is: SELECT songname FROM songs WHERE genre = 'jazz';

Question **15**

Correct

Mark 2.00 out of 2.00

⚐ Flag question

The SQL | WHERE | ✔ clause contains a condition that is used with a SELECT statement to select a subset of rows from a table.

The correct answer is: WHERE

**Question 16**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

The SQL | DELETE | ✔ command is used to remove individual rows of data from a table.

The correct answer is: DELETE

Render is an example of

Select one:

○ a. PAAS   ✓

○ b. SAAS

○ c. IAAS

○ d. HAAS

Your answer is correct.

The correct answer is: PAAS

Question **18**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

What does SaaS stand for?

Answer: | Software as a Service | ✓

The correct answer is: Software as a Service

**Question 19**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Amazon generates more profit selling Cloud Computing Services than it does through Retail Sales at amazon.com.

Select one:

⦿ True ✔

◯ False

The correct answer is 'True'.

Where in an HTML document is the correct place to refer to an external style sheet?

Select one:

◉ a. In the <head> section    ✓

○ b. in the <body> section

○ c. as an attribute of the <style> tag

○ d. at the top of the HTML document

Your answer is correct.

The correct answer is: In the <head> section

Question **21**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Which statement below shows the correct syntax to bring in an external style sheet named "mystyle.css" ?

Select one:

○ a. <style {file:mystyle.css type:stylesheet}>

⦿ b. <link rel="stylesheet" href="mystyle.css">    ✔

○ c. <style src="mystyle.css" >

Your answer is correct.

The correct answer is: <link rel="stylesheet" href="mystyle.css">

Which of the following statements correctly describes the order in which style cascades?

Select one:

○ a. Style from the external style sheet overrides style from the <head> section.  Style from the <head> section overrides style from inline <style> attributes.

⊙ b. Style from the inline <style> attributes overrides style from the <head> section.  Style from the <head> section overrides style from an external style sheet.  ✓

Your answer is correct.

The correct answer is: Style from the inline <style> attributes overrides style from the <head> section.  Style from the <head> section overrides style from an external style sheet.

Consider the following HTML code that applies style to the text in a paragraph. In this example, what color will the text in the paragraph be?

```
<head>
<style>
body {
    background-color: grey;
}
p {
    color: black;
    margin-left: 40px;
}
</style>
</head>
<body>
<p style="color:blue;">
This is a paragraph of text that describes the most
interesting man in the world.</p>
</body>
```

Select one:

○ a. black

○ b. grey

◉ c. blue ✔

Your answer is correct.

The correct answer is: blue

Correct

Mark 2.00 out of 2.00

⚐ Flag question

To create a list of items with numbers, which list tag do you use?

Select one:

○ a. <ul>

◉ b. <ol>    ✔

○ c. <list type=number>

Your answer is correct.

The correct answer is: <ol>

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which of the following creates a link to the webpage www.colorado.edu with the URL text "My University"?

Select one:

○ a. <href alias="My University">www.colorado.edu</href>

○ b. <a href="My University">www.colorado.edu</a>

◉ c. <a href="www.colorado.edu">My University</a>                    ✓

○ d. <link text="My University">www.colorado.edu</link>

Your answer is correct.

The correct answer is: <a href="www.colorado.edu">My University</a>

Which of the following HTML commands shows the correct syntax for displaying an image from the file "MyImage.gif"?

Select one:

○ a. <img alt="MyImage" myimage.gif>

○ b. <image src="MyImage.gif" alt="MyImage">

◉ c. <img src="MyImage.gif" alt="MyImage">    ✓

○ d. <img href="MyImage.gif" alt="MyImage">

Your answer is correct.

The correct answer is: <img src="MyImage.gif" alt="MyImage">

Which of the following HTML tags is used to embed a link within your page that, when clicked, will open up another web page?

Select one:

○ a. <hypertext>

○ b. <href>

◉ c. <a>  ✔

○ d. <link>

Your answer is correct.

The correct answer is: <a>

Question **28**

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which of the following anchor tags will open the website "url" in a new browser window?

Select one:

- ● a. <a href="url" target="_blank"> ✔
- ○ b. <a href="url" new>
- ○ c. <a href="url" target="new">
- ○ d. <a href="url" target="_new">

Your answer is correct.

The correct answer is: <a href="url" target="_blank">