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Started on Wednesday, November 17, 2021, 2:15 PM

State Finished

Completed on Wednesday, November 17, 2021, 2:17 PM

Time taken 2 mins 58 secs

Grade 19.00 out of 20.00 (95%)

Question **1**

Correct

1.00 points out of 1.00

Which of the following PHP lines is valid?

Select one:

- ☐ a. echo "<p>Hello 'John' </p>";
- ☐ b. echo "<p>Hello \"John\" </p>"
- ☐ c. echo "<p>Hello /'John/' </p>";
- ☒ d. echo "<p>Hello \"John\" </p>";



Question **2**

Correct

1.00 points out of 1.00

What is the name of the PHP functionality / code that uses the period (.) symbol to join two (or more) things together? For example, echo a string and a date function on one line. Choose best answer.

Select one:

- ☐ a. join
- ☐ b. merge
- ☐ c. append
- ☒ d. concatenation
- ☐ e. nest



Question **3**

Correct

1.00 points out of 1.00

Which of the following statements is True?

Select one:

- ☐ a. Curly braces are never used in an IF ELSEIF ELSE
- ☐ b. Curly braces are needed when there is ONE statement under an IF ELSEIF or ELSE
- ☒ c. Curly braces are needed when there are MANY statement under an IF ELSEIF or ELSE
- ☐ d. Curly braces are always needed to enclose statements under an IF ELSEIF or ELSE

Question **4**

Correct

1.00 points out of 1.00

How many lines of output on a web page will this PHP code produce?

```
for ($x = 1; $x < 8; $x++)  
{  
    echo "<p>$x</p>";  
}
```

Select one:

- ☐ a. 6
- ☒ b. 7
- ☐ c. 8
- ☐ d. 9
- ☐ e. 1



Question **5**

Correct

1.00 points out of 1.00

What will this PHP code produce as output when run on the server?

```
<?php
    $total = 99;
    if ($total > 60)
        echo "<p>Your grade is a D</p>";
    elseif ($total > 70)
        echo "<p>Your grade is a C</p>";
    elseif ($total > 80)
        echo "<p>Your grade is a B</p>";
    elseif ($total > 90)
        echo "<p>Your grade is an A</p>";
    else
        echo "<p>Your grade is an E</p>";
?>
```

Select one:

- ☐ a. Your grade is a A
- ☒ b. Your grade is a D
- ☐ c. None of these. The program will result in a syntax error.
- ☐ d. Your grade is a B
- ☐ e. Your grade is a C



Question **6**

Correct

1.00 points out of 1.00

What output will this PHP program produce when run the server?

```
<?php
```

```
    $total = 99;
    if ($total >= 90)
        echo "<p>Your grade is an A</p>";
    elseif ($total >= 80)
        echo "<p>Your grade is a B</p>";
    elseif ($total >= 70)
        echo "<p>Your grade is a C</p>";
    elseif ($total >= 60)
        echo "<p>Your grade is a D</p>";
    else
        echo "<p>Your grade is an E</p>";
```

```
?>
```

Select one:

- ☐ a. Your grade is an C
- ☐ b. Your grade is an D
- ☒ c. Your grade is an A
- ☐ d. None of these. This program will produce a syntax error
- ☐ e. Your grade is an B



Question **7**

Correct

1.00 points out of 1.00

What output will be produced when this program runs on the server?

```
<?php
    $total = 99;
    if ($total >= 70)
        echo "<p>Your grade is passing</p>";
    else ($total > 70)
        echo "<p>Your grade is not passing</p>";
?>
```

Select one:

- ☐ a. Your grade is not passing
- ☐ b. Your grade is passing
- ☐ c. None. The conditions are both false.
- ☒ d. The program will cause a syntax error.

Question **8**

Correct

1.00 points out of 1.00

What output will this program produce when run on the server?

```
<?php
    for ($x = 1; $x > 2; $x++)
        echo "<p>$x</p>";
?>
```

Select one:

- ☐ a. 1
- ☐ b. 1
2
- ☐ c. The program will cause a syntax error when it runs.
- ☒ d. No output will display.



Question **9**

Correct

1.00 points out of 1.00

What output will this program produce when run on the server?

```
<?php
    for ($x = 1; $x < 3; $x++)
        echo "<p>$x</p>";
        echo "<p>Next</p>";
?>
```

Select one:

- ☐ a. None. The program will cause a syntax error when it runs.
- ☒ b. 1
2
Next
- ☐ c. 1
2
- ☐ d. 1
Next

Question **10**

Correct

1.00 points out of 1.00

What output will this program produce when it runs on the server?

```
<?php
    for ($x = 1; $x > 0; $x++)
    {
        print "<p>$x</p>";
    }
?>
```

Select one:

- ☐ a. It will cause a syntax error to occur immediately
- ☒ b. It will cause an endless loop to run: 1, 2, 3, etc.
- ☐ c. 0
1
- ☐ d. 1
- ☐ e. 0



Question **11**

Correct

1.00 points out of 1.00

What output will this program produce when it runs?

```
<?php
```

```
    $value = 15.1234598;
```

```
    echo "<p>" . number_format($value,3) . "</p>";
```

```
?>
```

Select one:

- ☒ a. 15.123
- ☐ b. 015.12
- ☐ c. 15.1
- ☐ d. 15.1234

Question **12**

Correct

1.00 points out of 1.00

Most lines/commands in PHP end (terminate) with which of the following characters?

Select one:

- ☐ a. period
- ☐ b. colon
- ☐ c. comma
- ☒ d. semi-colon



Question **13**

Correct

1.00 points out of 1.00

Assume that an HTML text input field named "CustomerName" is being passed into a PHP using the GET method and the following was typed into the field:

John Smith

Given the following two lines of PHP code, what would be the output to the web page?

```
$CustomerName= substr(filter_input(INPUT_GET, 'CustomerName', FILTER_SANITIZE_STRING),0,5);  
echo $CustomerName;
```

Select one:

- ☐ a. Smith
- ☒ b. John
- ☐ c. John Smith
- ☐ d. John S

Question **14**

Incorrect

0.00 points out of 1.00

Which of the following statements is True?

Select one:

- ☐ a. if you want to validate a PHP at the W3C, you can provide the web server address or upload the file
- ☒ b. You cannot validate at PHP file on the W3C web site
- ☐ c. if you want to validate a PHP at the W3C, you must do so by providing the web server address
- ☐ d. if you want to validate a PHP at the W3C, you can provide the web server address or upload the file, or copy the code into the text box on the W3C web site



Question **15**

Correct

1.00 points out of 1.00

What character is used to create a variable (placed before variable name) in PHP?

Select one:

- ☐ a. #
- ☐ b. @
- ☐ c. &
- ☒ d. \$
- ☐ e. !

Question **16**

Correct

1.00 points out of 1.00

Variable names in PHP are case-sensitive.

Select one:

- ☒ True ✓
- ☐ False

Question **17**

Correct

1.00 points out of 1.00

Which of the following statements about PHP is NOT TRUE?

- ☐ a. PHP is a programming language.
- ☒ b. PHP is a client-side language
- ☐ c. PHP was created by Rasmus Lerdorf
- ☐ d. PHP is listed in the top 10 of the TIOBE Programming Index (most common languages)



Question **18**

Correct

1.00 points out of 1.00

PHP is free to download and install on your own computer if you want.

Select one:

- ☒ True ✓
- ☐ False

Question **19**

Correct

1.00 points out of 1.00

Which of the following is NOT a valid variable name in PHP?

- ☐ a. \$name5
- ☒ b. \$2tomorrow ✓
- ☐ c. \$First_Name
- ☐ d. \$firstName

Question **20**

Correct

1.00 points out of 1.00

Which line of PHP code below correctly creates a variable that stores a string (and without a syntax error/mistake)? (chose best answer)

- ☐ a. \$name = "Stacey"
- ☐ b. name = "Stacey"
- ☐ c. name = Stacey;
- ☒ d. \$name = "Stacey"; ✓

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