

23 questions (27 points)

Search questions

Add question

1. Multiple Choice

30 seconds

1 point

AI

Edit

What does PHP stand for?

Answer choices

PHP: Hypertext Preprocessor

Private Home Page

Program Hyper Page

2. Multiple Choice

30 seconds

1 point

AI

Edit

PHP server scripts are surrounded by which delimiters?

Answer choices

<script>...</script>

<&>...</&>

<php>...</php>

<?php ... ?>

3. Multiple Choice

30 seconds

1 point

AI

Edit

How do you print "Hello World" in PHP?

Answer choices

Document.Write("Hello World!");

"Hello World!"

echo "Hello World!";

4. Multiple Choice

30 seconds

1 point

AI

Edit

All variables in PHP start with which symbol?

Answer choices

\$

&

!

@

5. Multiple Choice

30 seconds

1 point

AI

Edit

What is the correct way to end a PHP statement?

Answer choices

;

</php>

.

New line

☐ 6. Multiple Choice 30 seconds 1 point ☐ ☐ ☐

What is the correct way to create a function in PHP?

Answer choices

function myFunction()

new_function myFunction()

create myFunction()

☐ 7. Multiple Choice 30 seconds 1 point ☐ ☐ ☐

What is the correct way to write comments in PHP?

Answer choices

<!-- This is a comment --> for single-line, and <?php comment // or # for single-line, and /* ... */ for multi-line
?> for multi-line

' This is a comment for single-line, and " " ... " " for multi-line # for single-line, and <-- ... --> for multi-line

☐ 8. Multiple Choice 30 seconds 1 point ☐ ☐ ☐

Which operator is used to check if two values are equal and of same data type?

Answer choices

!= ==

=== =

☐ 9. Multiple Choice 30 seconds 1 point ☐ ☐ ☐

A PHP file (.php) can only contain PHP code.

A. True

B. Falss

Answer choices

A. True

B. False

☐ 10. Multiple Choice 30 seconds 1 point ☐ ☐ ☐

What is the output of the \$y value?

<?php

\$x = 5;

\$y = 10;

function myTest() {

```
$GLOBALS['y'] = $GLOBALS['x']++;  
}  
myTest();  
echo $y;  
?>
```

Answer choices

4

5

6

10



11. Open Ended

45 seconds

3 points

AI



Edit



Revise the following **quiz4.html** and **quiz4.php** files to create webpages to submit and display your name information. For example, if I enter "John" as the first name and "Doe" as the family name on the webpage created by the HTML file, the PHP file will display **My name is John Doe**.

<!-- quiz4.html -->

<html>

<body>

<form method="post" action="_____"> // add the action value here

First Name: <input type="text" name="fname">

Last Name: <input type="text" name="lname">

<input type="submit">

</form>

</body>

</html>

<?php

// quiz4.php

if (\$_SERVER["REQUEST_METHOD"] == "POST") {

// add your code here to collect values of input fields

// and echo the name information

// hint: the \$_POST super global variable

}?>

Evaluate responses using AI: OFF

Answer explanation

(1) <form method="post" action="quiz4.php "> // add the action value here

(2)

<?PHP

if (\$_SERVER["REQUEST_METHOD"] == "POST") {

// add your code here to collect values of input fields

// and echo the name information

// hint: the \$_POST super global variable

```
$firstName = $_POST["fname"];  
$lastName = $_POST["lname"];  
  
echo "My name is " . $firstName . " " . $lastName;  
  
}?>
```

☐ 12. Multiple Choice 30 seconds 1 point ☐ AI ☐ ☐ Edit ☐

In PHP you can use both single quotes (' ') and double quotes (" ") for strings:

Answer choices

True

False

☐ 13. Multiple Choice 30 seconds 1 point ☐ AI ☐ ☐ Edit ☐

Which superglobal variable holds information about headers, paths, and script locations?

Answer choices

\$_SERVER

\$_GET

\$GLOBALS

\$_SESSION

☐ 14. Multiple Choice 30 seconds 1 point ☐ AI ☐ ☐ Edit ☐

What is required before using \$_SESSION in PHP?

Answer choices

Include session.php

Create a session table in MySQL

Use a session token in the form

Call session_start()

☐ 15. Multiple Choice 30 seconds 1 point ☐ AI ☐ ☐ Edit ☐

What is the correct way to read and parse a JSON file in PHP?

Answer choices

\$data = file_get_contents("data.json"); \$json =
parse_json(\$data);

\$data = read_file("data.json"); \$json = json_decode(\$data);

\$json = json_decode(file_get_contents("data.json"), true);

\$json = open("data.json"); decode_json(\$json);

☐ 16. Multiple Choice 30 seconds 1 point ☐ AI ☐ ☐ Edit ☐

Which function is commonly used in PHP to prevent XSS (Cross-Site Scripting) attacks?

Answer choices

addslashes()

htmlspecialchars()

`strip_tags()``htmlentities_decode()`

17. Multiple Choice

30 seconds

1 point

AI



Edit



Which method in an HTML <form> tag should you use to submit sensitive user data like passwords?

Answer choices

`post``get``send``submit`

18. Multiple Choice

30 seconds

1 point

AI



Edit



Which HTML attribute can you add to an input field to prevent form submission if it's empty?

A. required

Answer choices

`validate``notnull``mandatory``required`

19. Fill in the Blank

45 seconds

1 point

AI



Edit



In PHP, how do you access a field named "email" submitted via a form using the POST method?

Answer

`$_POST["email"]`

20. Fill in the Blank

45 seconds

1 point

AI



Edit



Fill in the blanks to complete the PHP foreach loop that prints each fruit in the array:

```
$fruits = ["apple", "banana", "cherry"];
```

```
_____ ($fruits ____ $fruit) {
```

```
echo $fruit . "<br>";
```

```
}
```

Answer

`foreach as`

21. Multiple Choice

30 seconds

1 point

AI



Edit



What is the purpose of the `password_hash()` function in PHP?

Answer choices

To convert a string to uppercase

To encrypt data for sending over a network

To securely hash (encrypt) a password before storing it in the database

To check if a password matches a hash

☐

22. Multiple Choice

30 seconds

1 point

AI

☐☐

Edit

☐What is the purpose of the **password_verify()** function in PHP?

Answer choices

To encrypt a password

To create a hash of a password

To compare a plain text password with a hashed password to see if they match

To reset a user's password

☐

23. Open Ended

1 minutes

3 points

AI

☐☐

Edit

☐**PHP Programming Question: Creating an Account with Password Hashing**

Write a PHP script that does the following:

- (1) Accepts a **username** and **password** from an HTML form using the POST method.
- (2) Hashes the password using `password_hash()` with `PASSWORD_DEFAULT`.
- (3) Displays the username and the **hashed password** on the screen (do not show the plain password).

Evaluate responses using AI: **OFF**

Answer explanation

```
<?php
$username = "";
$hashedPassword = "";
$success = "";
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    // Get the submitted values
    $username = htmlspecialchars($_POST["username"]);
    $password = $_POST["password"];
    // Hash the password
    $hashedPassword = password_hash($password, PASSWORD_DEFAULT);
    // Display success message
    $success = "Account created!";
}
?>
<h2>Create Account</h2>
<form method="post">
    Username: <input type="text" name="username" required><br><br>
    Password: <input type="password" name="password" required><br><br>
    <button type="submit">Register</button>
</form>
<?php
if (!empty($success)) {
```

```
echo "<h3>$success</h3>";  
echo "<p><strong>Username:</strong> " . htmlspecialchars($username) . "</p>";  
echo "<p><strong>Hashed Password:</strong> " . htmlspecialchars($hashedPassword) . "</p>";  
}  
?>
```

