

# PHP - Theoretical Evaluation

Wouaw! Here we are!  
The PHP Theoretical!

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## MCQ - PHP

20 questions / 30 min

First Name & Last Name \*

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## PHP - Theoretical Evaluation

Which is the most secure way to avoid storing a password in clear text in database? \*

- ☐ \$encrypted = sha(\$password);
- ☐ \$encrypted = crypt(\$password, \\$salt);
- ☐ \$encrypted = md5(\$password);
- ☒ \$encrypted = password\_hash(\$password, PASSWORD\_DEFAULT);

What data type is commonly used to store text in MySQL? \*

- ☐ INTEGER
- ☐ DECIMAL
- ☒ VARCHAR
- ☐ DATE

In the following script, which line(s) will cause an error(s)? \*

```
1 <?php
2     $count = 0;
3     $_xval = 5;
4     $_yval = 1.0;
5     $some_string = "Hello there!";
6     $some_string = "How are you?";
7     $will i work = 6;
8     $3blindmice = 3;
9 ?>
```

- ☐ Line 6 will cause an error because you can't reassign a new value to a variable that has already been set.
- ☒ Line 7 and 8 will cause an error. Line 7 has whitespace in \$will i work and should be \$will\_Lwork. Line 8 cannot start with a number because it is a variable.
- ☐ Line 5 will cause an error because some\_string should be someString.
- ☐ Line 3 and 4 will cause an error because a variable cannot start with an underscore(\_).

In a conditional statement, you want to execute the code only if both values are true. Which comparison operator should you use? \*

- ☐ ||
- ☐ &
- ☐ <=>
- ☒ &&

All variables in PHP start with which symbol? \*

- ☐ &
- ☐ %
- ☐ \_
- ☒ \$

What is a key difference between GET and POST? \*

- ☐ GET is used with the HTTP protocol. POST is used with HTTPS.
- ☒ GET displays the submitted data as part of the URL. During POST, this information is not shown, as it's encoded in the request body.
- ☐ GET is intended for changing the server state and it carries more data than POST.
- ☐ GET is more secure than POST and should be used for sensitive information.

What is missing from this code, which is supposed to create a test cookies? \*

```
1 $string_name = "testcookie";  
2 $string_value = "This is a test cookie";  
3 $expiry_info = info()+259200;  
4 $string_domain = "localhost.localdomain";
```

- ☐ The \$\_REQUEST is missing.
- ☐ The \$\_COOKIES array is missing.
- ☐ The cookie session is missing.
- ☒ The call to setcookie() is missing.

PHP supports multiple types of loops. If you wanted to loop through a block of code if and as long a specified condition is true, which type of loop would you use? \*

- ☐ for
- ☐ do-while
- ☒ while
- ☐ foreach

What displays in a browser when the following code is written? <?php echo "How much are the bananas?"; ?> \*

- ☐ The browser would display nothing due to a syntax error.
- ☐ The browser would display an error, since there are no parentheses around the string.
- ☒ The browser would display How much are the bananas?
- ☐ The browser would display an error, since there is no semicolon at the end of the echo command.

Which operator would you use to find the remainder after division? \*

- ☐ /
- ☒ %
- ☐ //
- ☐ DIV

Which is the way to create an array of "seasons"? \*

```
seasons=array(  
    1=>'spring',  
    2=>'summer',  
    3=>'autumn',  
    4=>'winter',  
);
```

- ☐ \$seasons=array(spring,summer,autumn,winter);
- ☐ \$seasons=('spring','summer','autumn','winter');
- ☒ \$seasons=['spring','summer','autumn','winter'];

What is the value of \$result in this calculation? \*

```
$result = 25 % 6;
```

- ☐ 4.167
- ☐ 1.5
- ☐ 4
- ☒ 1

What is the purpose of the PRIMARY KEY constraint in MySQL? \*

- ☐ To enforce referential integrity between tables
- ☐ To ensure that a column only contains unique values
- ☒ To uniquely identify each record in a table
- ☐ To sort the records in a table

What type of computer language is PHP? \*

- ☒ server-side scripting language
- ☐ compiled language
- ☐ machine language
- ☐ algorithmic language

What is the output of this script? \*

```
$fruits = ['apple', 'orange', 'pear', 'mango', 'papaya']; $i = 0; echo $fruits[$i+=3];
```

- ☒ mango
- ☐ apple
- ☐ a parse error
- ☐ pear

What is the correct way to include the file gravy.php in the middle of HTML code? \*

- ☐ <!-- include file="gravy.php"; -->
- ☐ <?php include gravy.php; ?>
- ☒ <?php include "gravy.php"; ?>
- ☐ <?php include file="gravy.php"; ?>

Which SQL keyword is used to retrieve data from a MySQL database? \*

- ☐ UPDATE
- ☐ INSERT
- ☐ WHERE
- ☒ SELECT

When using the POST method, variables are displayed in the URL? \*

- ☐ True
- ☒ False

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

- ☒ function myFunction()
- ☐ new\_function myFunction()
- ☐ create myFunction()

What is the correct way to add 1 to the \$count variable? \*

- ☐ count++;
- ☒ \$count++;
- ☐ ++count
- ☐ \$count +=1

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