PHP Test with Answers

Section 1: Multiple Choice Questions (MCQs) with Answers

1. Which symbol is used to add a comment in PHP?

a) //

b) /* */

c) #

d) All of the above

Answer: d) All of the above

2. Which of the following is a valid PHP variable name?

a) $123name

b) $_name

c) $-var

d) name$

Answer: b) $_name

3. Which data type is used to store a collection of values?

a) String

b) Integer

c) Array

d) Boolean

Answer: c) Array

4. What will be the output of `echo 10 + "5";`?

a) 105

b) 15

c) Error

d) None of the above

Answer: b) 15

5. Which loop is used to iterate over an array in PHP?

a) for

b) while

c) foreach

d) do-while

Answer: c) foreach

Section 2: Fill in the Blanks with Answers

6. PHP variables start with the $ symbol.

7. The function used to print text in PHP is echo.

8. The operator used for concatenation in PHP is . (dot).

9. The keyword used to define a function in PHP is function.

10. To check the data type of a variable, we use the function var_dump().

Section 3: Coding Questions with Answers

11. PHP program to swap two variables without using a third variable:

```php
<?php
$a = 5;
$b = 10;
$a = $a + $b;
$b = $a - $b;
$a = $a - $b;
echo "After swapping: a = $a, b = $b";
?>
```

12. PHP function to check if a number is even or odd:

```php
<?php
function checkEvenOdd($num) {
    return ($num % 2 == 0) ? "Even" : "Odd";
}
echo checkEvenOdd(7); // Output: Odd
?>
```

13. Loop to print numbers from 1 to 10 using a for loop:

```php
<?php
for ($i = 1; $i <= 10; $i++) {
    echo $i . " ";
}
?>
```

14. Array of five colors displayed using foreach loop:

```php
<?php
$colors = array("Red", "Blue", "Green", "Yellow", "Black");
foreach ($colors as $color) {
    echo $color . " ";
}
```

```
?>
```

15. Function that takes a string as input and returns its reverse:

```php
<?php
function reverseString($str) {
    return strrev($str);
}
echo reverseString("Hello"); // Output: olleH
?>
```