

# Mid Term of Server Side Technologies

## Q1: What is PHP?

Ans. PHP is the acronym of Hypertext Preprocessor. Inspired by C, Java and Perl languages, it is an open source script language to be used within HTML document in order to develop applications and make them dynamic. One important specificity of this script language is that it isn't executed on client-side, but on server side and it is used in different circumstances: messaging, blogs, e-commerce, online banking and publications, search engines, etc. Everything you want, actually, but gaming.

## Q2: PHP is a frontend technology? (True/False)

Ans. False

## Q3: Mention 5 special characters in PHP?

|      |    |               |
|------|----|---------------|
| Ans. | \n | New line      |
|      | \r | Return        |
|      | \t | Tab           |
|      | \\ | Backslash     |
|      | \" | Double quotes |

**Q4: Write a PHP program to print “Hello World!”?**

```
Ans. <?php  
Print "Hello, World!";  
?>  
<?php  
Echo "Hello, World!";  
?>
```

**Q5: What is the use of strtolower?**

Ans. The strtolower () is one of the most popular functions of PHP, which is widely used to convert the string into lowercase. It takes a string as a parameter and converts all uppercase English character of that string to lowercase. Other characters such as numbers and special character of that string remain the same

**Q6: What is ucfirst?**

Ans. Overview of PHP ucfirst () The ucfirst () is a pre-defined function in php used to convert each first character of a string from lowercase to uppercase. It takes a string as its input and returns the same with the first character of the string capitalized in case the character is alphabetic.

**Q7: What is strcmp()?**

Ans. Comparing two strings is one of the most commonly used string operation in programming and web development

practices. The strcmp () is an inbuilt function in PHP and is used to compare two strings. This function is case-sensitive which points that capital and small cases will be treated differently, during comparison.

### Q8: Difference between Global and a local variables?

Ans. Local variable is declared inside a function whereas Global variable is declared outside the function. Local variables are created when the function has started execution and is lost when the function terminates, on the other hand, Global variable is created as execution starts and is lost when the program ends.

### Q9: Write a PHP program to multiply 2 numbers? Use any 2 numbers?

Ans. <?php

```
if (isset($_GET['num1']) && isset($_GET['num2'])) {  
    $num1 = intval($_GET['num1']);  
    $num2 = intval($_GET['num2']);  
  
    echo $num1 * $num2;  
}
```

### Q10: What is an array? Give an example?

Ans. Arrays is a type of data structure, which allows us to save the efforts of creating a different variable in order to store multiple elements with a similar data type under a single variable. The arrays help to create a list of similar elements, accessible by index or key.