Expression and Control Statement in PHP

⊙ Created	@April 5, 2022 11:59 PM
⊙ Class	WBP
⊙ Type	Notes
≡ Author	Swarup Vishwas

2 MARKS

Enlist any four advantages of PHP

1. Fast- PHP is fastest scripting language as it gets executed on server

2. Security- PHP code is hidden from user as it gets converted into HTML and hence is secured from hackers

3. Open Source- PHP is open source language making it free for both developer and user

4. Large community to support

5. Easy to learn

Why PHP is called loosely typed language

1. In PHP, we do not need to specify the datatype while creating the variable

2. In PHP, variable adapts the datatype by value when value is assigned to variable

3. Same happens when we override the value

4. Hence, PHP is called loosely typed language

List Bitwise Operator

&

|

!

^

<<

>>

Difference between for and foreach loop

FOR	FOREACH
Iteration is clearly visible	Iteration is hidden
Good Performance	Better performance

FOR	FOREACH
Stop condition is specified easilt	Stop condition must be specified explicitly
Syntax :	Syntax:

Difference between echo and print

echo	print
echo can print one or more parameters	print can display only one parameter
echo does not return any value	print returns 1
echo is faster	print is slower
echo does not need () literal	print may or may not need () literal
Eg	Eg

4 MARKS

Explain data types used in PHP

1. Scalar

    a. Integer

    b. String

    c. Boolean

    d. Float

2. Compound

    a. Array

    b. Object

3. Special

    a. NULL

    b. Resource

Describe static, local and global variable

- static
  - Static is scope variable which is only one common for all function
  - Mostly used for counting
- local
  - variable created inside the function
  - cannot be accessed outside of function as they are destroyed when function ends
- global
  - variable created outside of function and can be accessed anywhere

Positive Negative

```php
<?php
    $var = 51;
    if($var<0){
```

```
        echo "Negative";
    }else{
        echo "Positive";
?>
```

Demonstrate use of 2 comparison variable

```php
<?php
    $var = 51;

    if($var<0){
      echo "Negative";
    }else if($var==0){
      echo "Zero";
    }else{
        echo "Positive";
    }
?>
```

Explain loop control structure with suitable example

> Loop control structure is when code must be executed multiple time

- for
  - standard and most used
  - traverse through range of numbers
- foreach
  - used to iterate in array

- while
  - execute code until codintion is false
- do...while
  - exit-criteria and is executed at least one time