

QB365 Question Bank Software Study Materials

Conditional Statements in PHP Important 2 Marks Questions With Answers (Book Back and Creative)

12th Standard

Computer Applications

Total Marks : 50

2 Marks

25 x 2 = 50

1) What are the different types of conditional statements in PHP?

Answer : There are several types of conditional statements in PHP. They are

1. 'if' statement
2. 'if...else' statement
3. 'if...elseif...else' statement
4. 'switch' statement

2) Write the syntax for an if statement in PHP.

Answer : Syntax:

```
if (condition)
{
    //code to be executed if condition is true;
}
```

3) What is the purpose of the if ... else statement?

Answer : The if ... else statement is a conditional statement in PHP. It executes one block of code if a condition is true and another block of code if the condition is false.

4) Write the Syntax of an If ... else statement in PHP.

Answer : Syntax:

```
if (condition)
{
    //True-block;
}
else
{
    //False-block;
}
```

5) What is the role of the break statement in a Switch statement?

Answer : The role of the break statement in a switch statement is to terminate the case and exit the Switch statement.

6) List out Conditional Statements in PHP.

Answer : Conditional statements are implemented by the following types

- (i) if statement
- (ii) if...else statement
- (iii) if...else if... else statement
- (iv) switch statement.

7) Define if...elseif...else Statement in PHP.

Answer : If-elseif-else statement is a combination of if-else statement. Multiple conditions can be checked and action is based on the result of the condition.

8) Write the usage of Switch Statement in PHP.

- Answer :** (i) It is used to perform different action based on different conditions.
(ii) It works the same as if statement and it can check for multiple values at a time.

9) Write the Syntax of Switch statement.

Answer : switch (n)
{
case label 1:
code to be executed if n=label1;
break;
case label 2:
code to be executed if n=label2;
break;
case label 3:
code to be executed if n=label3;
break;
...
default:
code to be executed if n is different from all labels;
}

10) Compare if and if else statement.

Answer :

If Statement	If else Statement
if statement executes some code if one condition is true.	If statement executes some code if the condition is true and else part of code executes if the condition is false.

11) How conditional statements perform?

Answer : It performs different actions for different decisions in programming language

12) What IS "if statement" in PHP?

Answer : The If Statement is a way to make decisions based upon the result of a condition.

13) How Switch statement and if statement differs?

Answer : Switch statements work the same as if statements but they can check for multiple values at a time

14) Write the syntax of If statement.

Answer : if (condition)
{
Execute statement(s) if condition is true;
}

15) What is mean by If else ladder.

Answer : 1. Else executes the following block of statements if the condition in the corresponding if is false.
2. After the else, if another condition is to be checked, then an if statement follows the else. This is else if and is called as if else ladder.

16) Write the example for if statement.

Answer : \$Pass_Mark = 35;
\$Sudent_Mark = 70;
if (\$Student_Mark > = \$Pass_Mark)
{
echo "The Student is Eligible for the Promotion";
}
? >

17) Define if else ladder statement.

Answer : When we have multiple options available or we need to take multiple decisions based on available conditions, we can use another form of if...statement called if ... else ladder.

18) Difference between print and echo statements in PHP.

Answer :

Print statement	echo statement
It has return value of 1 (true)	It does not return any value.

19) Write the PHP program using if statement.

Answer :

```

$Pass_Mark = 35;
$Sudent_Mark = 70;
if ($Student_Mark > = $Pass_Mark)
{
echo "The Student is Eligible for the Promotion";
}
? >

```

20) What is views in HTML?

Answer :

If Statement	If else Statement
if statement executes some code if one condition is true.	If statement executes some code if the condition is true and else part of code executes if the condition is false.

21) Write the output for the following program.

```

<?php
$Pass_Mark=35;
$Student_Mark=70;
if($Student_Mark > =$Pass_Mark){
echo "the Student is eligible for the promotion";
}
else{
echo "The Student is not eligible for the promotion";
} ? >

```

Answer : Output:

The student is eligible for the promotion.

22) What is control statements?

Answer : The statements that cause a jump of control from one part of a script to another are called control statements or control structures.

23) What are the types of control structures?

Answer : The two major categories of control structures are conditional statements and Looping Statements.

24) Write the output for the following program.

```

<?php
$Pass_Mark=35;
$Student_Mark=70;
if($Student_Mark > =$Pass_Mark){
echo "The Student is Eligible for the Promotion"? >

```

Answer : Output: The student is eligible for the promotion.

25) Write the output for the following program.

```

<?php
$Pass_Mark=35;

```

```
$Student_Mark=70;  
if($Student_Mark >= $Pass_Mark){  
echo "The Student is Eligible for the Promotion}? >
```

Answer : Output: The student is eligible for the promotion.