Short Answers

1. Define Conditional Statements in PHP

Conditional statements are useful for writing decision making logics. It is most important feature of many programming languages

2. Define if statement in PHP.

If statement executes a statement or a group of statements if a specific condition is satisfied as per the user expectation.   OR

The if statement contains boolean expression inside brackets followed by a single or multi line code block.

3. What is if else statement in PHP?

If statement executes a statement or a group of statements if a specific condition is satisfied by the user expectation.

When the condition gets false (fail) the else block is executed.

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

4. List out Conditional Statements in PHP.

- if Statement
- if...else Statement
- if...elseif....else Statement
- switch Statement

5. Write Syntax of the If else statement in PHP.

if (condition)
{
Execute statement(s) if condition is true;
}
else
{
Execute statement(s) if condition is false;
}

6. Define if...elseif....else Statement in PHP.

If-elseif-else statement is a combination of if-else statement. More than one statement can execute the condition based on user needs.

7. Usage of Switch Statement in PHP.

It is an alternative to the if-elseif-else statement

Switch statements work the same as if statements but they can check for multiple values at a time switch statement executes line by line

8. Write Syntax of Switch statement.

Refer detail Question No: 2.

9. Compare if and if else statement.

if statement	if else
It executes some code if one condition is true	The if statement contains boolean expression inside brackets followed by a single or multi line code block.
If statement executes a statement or a group of statements if a specific condition is satisfied as per the user expectation.	If statement executes a statement or a group of statements if a specific condition is satisfied as per the user expectation

Part - III

Explain in Brief Answer

1. Write the features Conditional Statements in PHP.

- PHP lets programmers evaluate different conditions during of a program and take decisions based on whether these conditions evaluate to true of false.
- These conditions, and the actions associated with them, are expressed by means of a programming construct called a **conditional** statement.

2. Write is the purpose of if elseif else stament.

It executes different codes for more than two conditions

If-elseif-else statement is a combination of if-else statement. More than one statement can execute the condition based on user needs.

else if Statement The 'if ' statement can also follow an 'else' statement, if you

want to check for another condition in the else part.

3. Differentiate Switch and if else statement.

Switch	if else
The switch-case statement is an alternative to the if-else if-else statement, which does almost the same thing.	The if statement contains boolean expression inside brackets followed by a single or multi line code block.
The switch-case statement tests a variable against a series of values until it finds a match, and then executes the block of code corresponding to that match.	If statement executes a statement or a group of statements if a specific condition is satisfied as per the user expectation

4. Write Short notes on Switch statement.

- The switch statement is used to perform different actions based on different conditions.
- It is used if you want to select one of many blocks of code to be executed, use the Switch statement.
- The switch statement is used to avoid long blocks of if..elseif..else code.
- Use break to prevent the code from running into the next case automatically.
  The default statement is used if no match is found.
- The **default** statement is used if no match is found.

5. Differentiate if statement and if elseif else statement.

if statement	if elseif else stament
It executes some code if one condition is true	It executes different codes for more than two conditions
If statement executes a statement or a group of statements if a specific condition is satisfied as per the user expectation.	If-elseif-else statement is a combination of if-else statement. More than one statement can execute the condition based on user needs.

Part - IV

Explain in detail

1. Explain Function Conditional Statements in PHP.

The **if** Statement

     In if Statements Output will appear when only Condition must be true.

The **if**-**else** Statement

     if-else statements allows you to display output in both the condition(if condition is true display some message otherwise display other message).

The **if**-**elseif**-**else** Statement

     The if-else-if-else statement lets you chain together multiple if-else statements, thus allowing the programmer to define actions for more than just two possible outcomes.

The **switch** Statement

     The switch statement is similar to a series of if statements on the same expression.

2. Discuss in detail about Switch statement with an example.

Switch Case:

- The switch statement is used to perform different actions based on different conditions.
- It is used if you want to select one of many blocks of code to be executed, use the Switch statement.
- The switch statement is used to avoid long blocks of if..elseif..else code.

Syntax:	Example:

switch (n) {
case label1:
code to be executed if n=label1; break;
case label2:
code to be executed if n=label2; break;
case label3:
code to be executed if n=label3; break;
...
default:
code to be executed if n is different from all labels;
}
	<?php
	$favcolor = "red";
	switch ($favcolor) {
	case "red":
	echo "Your favorite color is red!"; break;
	case "blue":
	echo "Your favorite color is blue!"; break;
	case "green":
	echo "Your favorite color is green!"; break;
	default:
	echo "Your favorite color is neither red, blue, nor green!";
	}
	?>

- Use break to prevent the code from running into the next case automatically.
  The default statement is used if no match is found.
- The **default** statement is used if no match is found.

3. Explain the process Conditional Statements in PHP?

PHP lets programmers evaluate different conditions during of a program and take decisions based on whether these conditions evaluate to true of false.

These conditions, and the actions associated with them, are expressed by means of a programming construct called a **conditional statement**.

The **if** Statement

In if Statements Output will appear when only Condition must be true.

The **if-else** Statement

if-else statements allows you to display output in both the condition(if condition is true display some message otherwise display other message).

The **if-elseif-else** Statement

The if-else-if-else statement lets you chain together multiple if-else statements, thus allowing the programmer to define actions for more than just two possible outcomes.

The **switch** Statement

The switch statement is similar to a series of if statements on the same expression.

4. Explain concepts of if elseif else statement.

- It executes different codes for more than two conditions
- If-elseif-else statement is a combination of if-else statement. More than one statement can
- execute the condition based on user needs.
- else if Statement The 'if ' statement can also follow an 'else' statement, if you want to check for another condition in the else part

Syntax:	Example:

if (1stcondition)
{
Execute statement(s) if condition is true;
}
elseif(2ndcondition)
{
Execute statement(s) if 2ndcondition is true;
}
else
{
Execute statement(s) if both conditionsarefalse;
}
	<?php
	$Pass_Mark=35;
	$first_class=60;
	$Student_Mark=70;
	if ($Student_Mark>= $first_class) {
	echo "The Student is eligible for the promotion with 1st Class";
	}
	elseif ($Student_Mark>= $Pass_Mark) {
	echo "The Student is eligible for the promotion";
	}
	else {
	echo "The Student is not eligible for the promotion";
	} ?>

5. Explain if else statement in PHP.

- If statement executes a statement or a group of statements if a specific condition is satisfied
- by the user expectation.
- When the condition gets false (fail) the else block is executed.
- The if statement contains boolean expression inside brackets followed by a single or multi line code block.
- If statement executes a statement or a group of statements if a specific condition is satisfied
- as per the user expectation.

Syntax:	Example:

if (condition)
{
Execute statement(s) if condition is true;
}
else
{
Execute statement(s) if condition is false;
}
	<?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";
	} ?>