

INDIAN SCHOOL NIZWA
MM & WT WORKSHEET
CH : 9 Flow of control & CH: 10 User Defined functions

DATE: _____

NAME: _____

CLASS: XII

1. Consider the following program code and tell how many times the loop will execute;

```
<?PHP
    $x=5;$y=50;
While ($x<=$y)
{
    $y=$y/$x;
    $x=$x+5;
}
?>
```

2. Analyse the following program segment and determine how many times the loop will be executed and what will be the output of the program segment?

```
<?PHP
    $p=200;
While(true)
{
    if ($p<200)
        break;
    $p=$p-20;
}
echo $p;
```

3. Rewrite the following program segment using the if.....else statement
\$comm=\$sales>15000?\$sales*5/100:0;

4. How many times does the following loop get executed?

```
<?php $x=5;$y=35;
While($x<=$y)
{
    $x+=8;
}
?>
```

5. If an array \$Ar=array(1,9,8,5,2);
a) What is count(\$Ar)?
b) What is \$Ar[2]?

6. What will be the value of A and B after execution of the following code;

```
<?php
    $A=100;
    for($B=10;$B<=12;$B++)
    {
        $A+=$B;
    }echo "A:$A B:$B";

?>
```

7. Rewrite the following program code using an if statement.

```
Switch($C)
{

Case 0 : $amt=$bill;

                Break;
Case 1: $amt=0.9*$bill;
                Break;
Case 2: $amt=.8*$bill;
                Break;
Default : $amt=$bill;
}
```

8. Rewrite the following program code using an switch statement.

```
If ($d==1)
    $day="Delhi";
else if ($d==2)
    $day="Mumbai";
else if ($d==3)
    $day="Kolkata";
else
    $day="Bangalore";
```

9. What will be the result stored in x after evaluating the following expression ?

```
$x=4;
$x+=$x++)+(++$x)+$x
```

10. What is the output of the following code in PHP?

- a) \$x=10+20+"30";
- b) \$x="10"+20+30

11. In the following example ,what is the final value of y?

```
For($x=0;$x<5;$x++)
{
    If($x==4)
        Continue;
    $y+=$x;
}
```

12. Study the code given below and answer the questions that follow :

content.txt

HTML

PHP

FLASH

COMPUTER NETWORK

display.php

```
<?php
    $file=fopen("content.txt","r");
    while(!feof($file))
    {
        $data=fgets($file);
        echo substr($data,0,1)."<br>";
    }
    fclose($file);
?>
```

1) What will be the output of the above code?

2) Rewrite the code for the loop using DO WHILE instead of WHILE.

13. Rewrite the following using while loop without changing the output.

```
<?php
    $flag=0;
    $num=23;
    for ($i=2;$i<=$num/2;$i++)
    {
        if ($num%$i==0)
            $flag=1;
    }
    if ($flag==0)
        echo ($num ." is a prime number");
    else
        echo ($num ." is not a prime number");
?>
```

