

- (d) What will be the output of the following PHP code? (3)

```
<?php
function calc($price, $tax="") 3. {
    $total = $price + ($price * $tax);
    echo "$total"; 6. }
    calc(42);
?>
```

[This question paper contains 8 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 3680 H

Unique Paper Code : 6332492402

Name of the Paper : PHP Programming

Name of the Course : B.Voc (Web Designing)

Semester : IV

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Question No. 1 is compulsory in **Section-A**.
3. Attempt any **four** questions from **Section-B**.
4. Parts of a question should be attempted together.

Section A

1. (a) State whether following statements are True or False? (3)

- (i) Variable Names in PHP are Case Sensitive.
 - (ii) Function Names in PHP are Case Sensitive.
 - (iii) PHP is a General Purpose Scripting Language.
- (b) Give and Explain the output of below code snippet in PFLP? (3)
- ```
$a = 100;
echo $++a." ".$a++
```
- (c) Explain any three data types in PHP? (3)
- (d) Write a PHP Script that will print array elements of size N in the reverse order? (3)
- (e) Differentiate between FOR loop and FOREACH loop in PHP Script? (3)
- (f) Explain the Scope of Local and Global variables in PHP with example? (3)

6. (a) Create a PHP script that shows a list of products in a simple e-commerce catalog. Each product will have a name, description, price and featured image. You can store the product data in an array, a JSON file or a database. The script should generate an HTML page that will display the product details in a user-friendly format. (12)
- (b) Explain Object Oriented behaviour of PITP? (3)
7. (a) How can you embed PHP code in an HTML page? (3)
- (b) What do you understand about Numeric array, Associative array and Multidimensional array? Explain with help of example. (6)
- (c) Name and define three scope levels in PHP? (3)

(b) Write use and advantage of regular expression library functions in PHP? (5)

(c) Write and Explain the output of below PHP Script? (3)

```
<?php
$a = 100;
if ($a > 10)
 printf("PHP Quiz");
else if ($a > 20)
 printf("PHP MCQ");
else if ($a > 30)
 printf("PHP Program");
?>
```

5. (a) Write a PHP Function to find the Mean, Mode and Median of an array element? (8)

Note : Function takes PHP array as an argument.

Return Associative array which stores the result.

(b) Explain Call by Value and Call by Reference in PHP Functions with example? (7)

(g) Write the Situations where we can use GET Form Method and POST Form d? (3)

(h) Differentiate between index-based array and Associative array in PHP? (3)

(i) What will be the output of the code below? (3)

```
$x = 5;
echo $x;
echo "
";
echo $x+++ $x++;
echo "
";
echo $x;
echo "
";
echo $x--- $x--;
echo "
";
echo $x;
```

(j) Write and Explain the output of below P1TP Script? (3)

```

<!DOCTYPE html>
<html>
<body>
<?php
 $str = "Visit India";
 $pattern = "/india/i";
 echo preg_match($pattern, $str);
?>

</body>
< / html>

```

### Section B

2. (a) Write a PHP Script to find the Second Minimum Element in an PHP array? (7)

Example : Input - 2 6 1 8 6 9 4

Output - 2

- (b) Write a Program in PHP to demonstrate Inheritance object oriented concept? (5)
- (c) Write a PHP function that checks whether a given number N is positive or negative. (3)

3. (a) Create a HTML form for Student Registration. Following fields must be present: (12)

(i) Student Name

(ii) Email Id

(iii) Phone No

(iv) Address

(v) Age

Appropriate Form method must be used. On submission, data must be directed to a PHP Script where the data will get concatenated in a single string and printed on the browser.

- (b) How can you Validate correct Email-Id and Phone No format in PHP Forms? (3)

4. (a) Write a PHP Script using Regular Expression for below problem: (7)

How many letters in the text "Welcome to Kalindi College" are alphabetically between uppercase "T" and lowercase "z":

(Hint: use *preg\_match\_all* function)