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| **Suryadatta Education Foundation's** |
| **Suryadatta Group of Institutes, Pune** |

Suryadatta Institute of Business Management & Technology

MCA-SEM-II

Subject:- IT-23-Advanced Internet Technologies

**Note: Following questions are based on unit no: 1. Submit the handwritten assignment solutions personally to college. Late submissions are not allowed. Maintain one separate notebook for assignment solutions.**

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Assignment No -3

Unit-3 -PHP

1. Explain features of PHP?
2. What are the rules to declare variable in PHP?
3. What is server side scripting?
4. List the supported datatypes in PHP.
5. Explain string manipulation function.
6. What are the decision making statements in PHP explain each with example.
7. Explain for loop,while loop in PHP explain with example.
8. Explain array in php with example.
9. Explain the steps of database connectivity in PHP
10. Write a short note on
11. $GLOBALS
12. $\_SERVER
13. $\_REQUEST
14. $\_POST
15. $\_GET
16. $\_COOKIE
17. $\_SESSION.

**Write Programs for the following.**

1. Write a PHP code which calculates square of any number using form.
2. Write a PHP code to count no. of words in the given string.
3. Create a website with two PHP webpage in which each webpage is connected. The first page of the website contains two form fields for taking ‘name’ and ‘password’ from users. On onclick event, details of forms should be displayed on second webpage.
4. Write a program using PHP to calculate Electricity bill by accepting the limits.
5. For first 100 units - Rs. 4
6. For next 100 units - Rs. 5
7. For next all units - Rs. 6
8. Write a PHP program to save marks of English, Hindi, Marathi, Maths and information technology in an array for 5 students and display totals marks and percentage of each students using ‘foreach’.
9. Write a PHP program to perform the following operations on an associative array.
   * 1. Display elements of an array along with their keys.
     2. Display the size of an array.
     3. Delete an element from an array from the given index.
10. Write a PHP function to count the total number of vowels (a,e,i,o,u) from the string. Accept a string by using HTML form.
11. Write a PHP Program to insert a roll number and student name in a database (use postgresql data to create database). Accept roll number and name from the user.
12. Write a program to demonstrate session management
13. Program to perform CRUD operations in PHP.
14. Implement a dynamic HTML Form of College Registration Form with all details with PHP database connectivity.
15. Write a PHP program to check if a person is eligible to vote or not. The program should include the following-
    * 1. Minimum age required for vote is 18.
      2. Use PHP functions.
      3. Use Decision making statement.