

Government Science College, Valod

Third year B.Sc. (Computer Science) Semester-5

Subject: Fundamentals of PHP

Unit – 1 to 3

Assignment-1

Q-1	Answer in Short: [1-2 Marks Each]
1.	What is Open Source?
2.	Explain following terms: (A) PHP (B) Apache (3) MySQL
3.	What do you mean by Web Server?
4.	How do you define Constants in PHP?
5.	How to define static variables?
6.	List the rules for declaring variable name in PHP.
7.	How to use global variable in PHP?
8.	What the use is of break and default statement in PHP?
9.	What is the difference between == and === Operator?
10.	What is the difference between Numeric Array and Associative Array?
11.	What is the difference between echo () and print () function?
12.	What is difference between exit () and die ()?
13.	What is the use of print_r () in PHP?
University Exam Questions	
14.	What is the difference between single quote String literal and double quote String literal in PHP?
15.	Brief different ways of Commenting PHP Code.
16.	How Functions are created in PHP?
17.	Brief the terms die and return .
Q-2	Answer in Detail: [5-7 Marks Each]
1.	How to configure PHP on IIS.
2.	Explain Relationship between Apache, PHP and MySQL in AMP Module.
3.	Explain the Structure and Syntax of PHP.
4.	Describe Rules of PHP Syntax with Example for each rule.
5.	How to integrate PHP within HTML? Explain with example.
6.	Describe the use of various types of Variables in PHP?
7.	Explain following Conditional Structure with examples. 1. Simple If Statement 4. Nested If Statement 2. If...Else Statement 5. If...Else If Ladder Statement 3. Switch Case Statement

8.	Explain following Loop Structure with Example. 1. While Loop 2. Do... While Loop 3. For Loop 4. For Each Loop
9.	Describe the Arrays in PHP with example.
10.	How do you define User defined function? Explain with example.
11.	Explain Function with variable length argument with example.
University Exam Questions	
12.	Short Note: WAMP
13.	Describe the Characteristics of PHP.
14.	Explain the difference of for loop and foreach loop with example.
15.	How Arrays is created in PHP? Explain any three Sorting function of Array.
16.	Explain Super Global variable in PHP?
17.	Describe the Operators available in PHP with example.
Programming Exercise	
1.	Write a PHP Script that reverses the String without the use of inbuilt function and check whether it is Palindrome or not.
2.	Write a PHP Script that counts total no. of words in String with Word Frequency Count Report.
3.	Write a PHP Script that counts the no. of Vowels in String.
4.	Write a PHP Script to Search String from Original String and return its Position, if search successes without the use of inbuilt function. <i>Hint: Create User defined function for Searching a String.</i>
5.	Write a PHP Script that return Sub String from Original String without the use of inbuilt function. <i>Hint: Create User defined function for Sub String with Start index and length of Sub String.</i>
Additional Task	
1.	Verify your Record Book with Practical (Practice + Journal) in computer and sign of your teacher.