

2012
Bachelor of Computer Application
Fifth Semester
BCA-16-504: Web Application Development Using PHP

Time allowed: 3 Hours

Max. Marks: 65

NOTE: Attempt five questions in all, including Question No. IX (Section-E) which is compulsory and selecting one question each from section A-D.

x-x-x

Section A

- I. (a) Explain the main features of Client Side Scripting. Also explain the scenarios in which it should be preferred to Server Side Scripting.
(b) Explain the use of constants, variables and datatypes in PHP with the help of examples. (7, 6)
- II. (a) Explain the syntax and usage of various decision making constructs available in PHP.
(b) Write a program in PHP that displays the Multiplication Table of a number N. (7, 6)

Section B

- III. (a) How are functions created and invoked in PHP? Write a PHP function that finds the sum of N even numbers.
(b) How recursion is used in PHP? Explain with suitable example. (7, 6)
- IV. (a) Explain the syntax and usage of Multidimensional Arrays in PHP. Give examples.
(b) Explain the syntax and usage of any three string functions. (7, 6)

Section C

- V. How are HTML Form controls connected to a database in PHP? Consider any suitable example to explain. (13)
- VI. Write SQL queries to fetch, edit and delete records in a dataset of an employee table having fields- empcode, ename, dob, qualification and salary. (13)

Section D

- VII. (a) What do you understand by Cookies? Create a cookie named "user" with the value "Sushma Kohli" that expires after 15 days. How will this cookie be available in entire website? Also write code to retrieve it in PHP.
(b) What is a Session? Write PHP code to show all the session variable values for a user session. (7, 6)
- VIII. Describe the PHP functions for the following: -
a. Opening and Closing a File
b. File reading and writing (7, 6)

P.T.O.

(2)

Section E

IX. Write short answers.

- i. Differentiate between print and echo statements used in PHP.
- ii. Differentiate between Actual and Formal parameters.
- iii. Explain the operator precedence and associativity in PHP.
- iv. What is a Session Cookie?
- v. How are comments written in PHP?
- vi. Describe the role of get and post methods in an HTML form.
- vii. What is a Dataset?

(6*2+1)

X-X-X