

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

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Exam. Code :

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Bachelor of Computer Applications 5th Semester
1128

WEB APPLICATION DEVELOPMENT USING PHP
Paper—BCA-16-504

Time Allowed : Three Hours]

[Maximum Marks : 65

Note :— Attempt *five* questions in all by selecting *one* question from each Section. Entire Question Number IX is compulsory.

SECTION—A

- I. (a) Explain the difference between Client Side Scripting and Server Side Scripting. Also name the software used for them.
(b) Explain the difference between Static and Dynamic Websites. 7,6
- II. (a) Explain the syntax and usage of 'for' loop used in PHP. Also create a script using 'for' loop to add all the integers between 0 and 10 and display the total.
(b) Describe the data types used in PHP. 7,6

SECTION—B

- III. (a) How are functions used in PHP ? Write a PHP function that checks whether a given number N is positive or negative.
(b) What is Recursion ? Also write a function in PHP that calculates factorial of a number N using Recursion. 7,6
- IV. (a) Write code in PHP which accepts two strings from the user and displays them after concatenation. Also write two string functions.

- (b) Explain the syntax and usage of Multidimensional Arrays in PHP. Give examples.. 7,6

SECTION—C

- V. Write code to create HTML Form which accepts user name and password from the user and checks its validity with the data stored in a database and provides suitable messages to show whether data is valid or invalid. 13
- VI. How is a form connected to a database ? How can the data in the result set of database using PHP be retrieved and edited ? Consider any suitable example. 13

SECTION—D

- VII. (a) What are Cookies ? How are they created, used and deleted in PHP ? Give examples.
- (b) What is a Session ? How are session variables encoded and decoded in PHP ? Give examples. 7,6
- VIII. (a) Describe PHP file permissions. Also explain the functions which are used to open and close a file in PHP.
- (b) Describe any three file system and directory functions. 7,6

(Compulsory Question)

- IX. Write short answers :—

- (i) Describe echo statement used in PHP.
- (ii) Write rules to name a variable in PHP.
- (iii) Explain the role of current(), next() functions.
- (iv) What are super global variables ?
- (v) How to get the value of current session id ?
- (vi) What is the importance of “method” attribute in an html form ?
- (vii) What is PHP.INI ? 6×2+1