

D 90103

Library
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Name.....

Reg. No.....

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

BCA

BCA 5B 09—WEB PROGRAMMING USING PHP

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

*Answer all questions.
Each question carries 1 mark.*

1. What is meant by server side scripting ?
2. How will you create an alert window using JavaScript ?
3. What is the use of isNaN() function in JavaScript ?
4. How do we pass a variable by reference in PHP ?
5. How do we return multiple values from user defined functions in PHP ?
6. What value is returned by pg_affected_rows() function ?
7. What is the purpose of HTML5 datalist element ?
8. What is the use of strstr() function in php ?
9. What do you mean by sessions in PHP ?
10. What is the difference between echo() and print() functions in PHP ?

(10 × 1 = 10 marks)

Section B

*Answer at least five questions.
Each question carries 3 marks.
All questions can be attended.
Overall Ceiling 15.*

11. Explain onChange JavaScript event with an example.
12. List and explain any four HTML5 tags.

Turn over

13. Explain the structure of `$_FILES` array.
14. List and explain any *four* session handling functions in PHP.
15. Discuss on cookies in PHP.
16. Illustrate the usage of `onChange` event in JavaScript.
17. Explain the various PostgreSQL query execution functions in PHP.
18. Create a login interface using HTML. The interface should contain fields for reading username and password and a submit button.

(5 × 3 = 15 marks)

Section C

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

19. Compare client-side scripting and server-side scripting.
20. Explain the execution of an INSERT query in a PostgreSQL database after reading data through a PHP front end.
21. Write a PHP script to read a set of comma separated floating point numbers through a text area from user and print the average of the numbers. The user is free to input any number of floating point values within the limit of the text area.
22. Write a note on data types in PHP.
23. List and explain any four php fetch functions used to retrieve result of a PostgreSQL query execution.
24. Explain various relational operators available in JavaScript.
25. Explain any four JavaScript events with illustration.
26. List and explain any four CSS functions.
27. Explain the general structure of an HTML5 file.

(5 × 5 = 25 marks)

Section D

Answer any **three** questions.
Each question carries 10 marks.

28. A database table stores marks obtained by students of an educational institution in an examination. Every row of the table contains register number (primary key), the name of the student and marks obtained in 5 different subjects. Write a php script to create a result portal which reads student register number and displays the corresponding result. Assume that all subjects have a maximum total of 100 marks and 40 % is required for a pass in the subject. A student is declared 'passed' if he/she procures a pass in all the subjects. No need to write code for table creation. Assume that it is already existing. Make suitable assumptions.
29. Explain any *five* string handling functions in PHP with illustration.
30. Write an essay on user defined functions in PHP. Give examples for parameter passing by value and reference.
31. Explain any *five* CSS functions with illustration.
32. Elaborate on various HTML5 form elements.

(3 × 10 = 30 marks)