FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

Computer Science

BCS 5B 09—WEB PROGRAMMING USING PHP

(2017 Admissions)

Time : Three Hours   Maximum : 80 Marks

Part A

Answer all questions.
Each question carries 1 mark.

1. What is HTML ?

2. What do you mean by image opacity ?

3. What is JavaScript ?

4. What is the use of is *Nan()* method in JavaScript ?

5. What is PHP ?

6. What are cookies ?

7. What is the use of POST method in Web Programming ?

8. How do you insert comments in PHP program ?

9. What is WAMP?

10. What is PostgreSQL ?

                                               (10 × 1 = 10 marks)

Part B

Answer all questions.
Each question carries 3 marks.

11. Explain the different ways to include the CSS with HTML.

12. Explain Document Objects in JavaScript with its properties and methods.

13. Explain any *two* data types in PHP.

                                                        Turn over

14. Explain the function and syntax of *foreach()* method in PHP.

15. Explain any *two* string handling functions in PHP.

(5 × 3 = 15 marks)

Part C

Answer any **five** *questions.*
Each question carries 5 marks.

16. Explain how tables can be included in a HTML form. Illustrate with example.

17. Explain frames and frameset in HTML.

18. Explain Date object in JavaScript with its properties and methods

19. Give account on relational and logical operators in JavaScript.

20. With suitable example explain numeric and associative arrays in PHP.

21. Give detailed account on different data types in PostgreSQL.

22. Explain how will you execute a PostgreSQL statements in PHP.

23. What is AJAX ? Explain its implementation in PHP.

(5 × 5 = 25 marks)

Part D

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

24. Differentiate between client-side and server-side scripting with suitable examples.

25. Explain any *five* event handling functions in JavaScript.

26. Explain the commands needed to establish a connection between a PHP script and PostgreSQL database.

27. Explain about various string handling functions in PHP.

28. Design a web page that accept user name and password as input and authenticate the same from a given database using PHP.

(3 × 10 = 30 marks)

14. Explain the function and syntax of *foreach()* method in PHP.

15. Explain any *two* string handling functions in PHP.

(5 × 3 = 15 marks)

Part C

Answer any **five** *questions.*
Each question carries 5 marks.

16. Explain how tables can be included in a HTML form. Illustrate with example.

17. Explain frames and frameset in HTML.

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Part D

Answer any **three** *questions.*
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28. Design a web page that accept user name and password as input and authenticate the same from a given database using PHP.

(3 × 10 = 30 marks)

(Pages : 2)

Name..

Reg. No...................................

FIFTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

Computer Science

BCS 5B 10—WEB PROGRAMMING USING PHP

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.
Each question carries 1 mark.

1. HTML means ————.

2. A user request form can be created with the ———— HTML tag.

3. ———— HTML tag is used to define an internal style sheet.

4. ———— JavaScript statements embedded in an HTML page can respond to user events such as mouse-clicks, form input, and page navigation.

5. Java Script code is embedded between the ———— HTML tag.

6. PHP stands for ————.

7. What is the output of the following PHP code?

```php
<?php
$marks = array (10, 20);
$padded=array-pad ($marks, -6, 0);
print-r ($padded);
?>
```

8. Print the output of the following PHP code :

```php
<?php
$a = "clue";
$a .= "get";
echo "5a";
?>
```

9. ———— built-in function in PHP will add a value at the end of the array.

10. ———— MySQL statement is used to delete entire MySQL database.

(10 × 1 = 10 marks)

Turn over

Part B

Answer all questions.
Each question carries 2 marks.

11. Distinguish between client-side scripting and server-side scripting.

12. Explain break statement in JavaScript.

13. Explain any two data types in PHP.

14. Distinguish between final class and final method in PHP.

15. What is the difference between *mysql_fetch_object* and *mysql_fetch_array* ?

$(5 \times 2 = 10 \text{ marks})$

Part C

Answer any five questions.
Each question carries 4 marks.

16. Give an account on Frameset and Frames in HTML.

17. Describe the basic structure of HTML.

18. Explain any two loop statements in JavaScript.

19. Explain any two mouse event implementations in JavaScript,

20. Write a PHP script to accept a filename from user and upload the same file at specific location.

21. What are the different types of arrays in PHP ? Explain the way of creating each one.

22. Explain the procedure for connecting MySQL database as a back-end of PHP

23. Explain how functions are created and invoked in PHP.

$(5 \times 4 = 20 \text{ marks})$

Part D

Answer any five questions.
Each question carries 8 marks.

24. Explainthe differences between static and dynamic web pages. Design a web page for displaying the number of visitors in a web page.

25. What are functions in Java Script ? Explain how do you define a user defined function in Java Script with parameters using suitable examples.

26. Write a simple JavaScript function to compute the factorial of a number.

27. Illustrate the function and syntax of different loop statements in PHP.

28. Explainthe different string handling functions in PHP with examples.

29. Designa web page that accept user name and password as input and authenticate the same from a given database using PHP.

30. Explain the implementation of AJAX in PHP.

31. Explain how will you execute MySQL statements in PHP with suitable examples.

$(5 \times 8 = 40 \text{ marks})$