D 70227   (Pages : 2)   Name...................................

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

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)