Reg. No. : ....

Name : ....

Fourth Semester B.Sc/BCA Degree Examination, May 2021

Career Related First Degree Programme under CBCSS

Group 2(b) – COMPUTER SCIENCE/COMPUTER APPLICATIONS

Core Course

CS 1444/CP 1443 – PHP AND MYSQL

(2019 Admission Regular)

Time : 3 Hours

Max. Marks : 80

SECTION – A

[Very short answer type. One word to max. One sentence. Answer ALL questions. Each carries 1 mark.]

1. Give two examples for server side scripting language.

2. How will you give multi-line comments in PHP?

3. How do you declare a variable in PHP?

4. Name two compound data types in PHP.

5. What is the purpose of default argument value in a function?

6. Which is the built-in function for finding the length of the array?

7. Give an example for associative array.

8. Name the function for merging two arrays.

9. Give any two super globals in PHP.

10. Name the string method for converting all characters to uppercase

(10 × 1 = 10 Marks)

P.T.O.

SECTION – B [Short answer]

[Not to exceed one paragraph, answer any **EIGHT** questions. Each question carries **2** marks]

11. Give the syntax and purpose of 'print' statement in PHP.

12. What is a multi-dimensional array?

13. Differentiate between asort() and ksort() functions in PHP.

14. Which is the special function provided by PHP to create a constructor? Give the syntax.

15. What is $_REQUEST?

16. What is a cookie?

17. What is the use of isset() function?

18. What do you mean by a form in PHP?

19. Write down the use and syntax of date() function in PHP.

20. What is the purpose of BLOB data type in MySQL?

21. What is mysqli–fetch–array()?

22. What is the use of ORDER BY clause in MySQL?

23. Give an example MySQL query for LIKE operator.

24. Differentiate between open source DBMS software and proprietary DBMS software.

25. What is imagecreate() in PHP?

26. How to make a redirect in PHP?

(8 × 2 = 16 Marks)

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SECTION – C [Short essay]

[Not to exceed **120** words, answer any **SIX** questions. Each question carries **4** marks]

27. Explain different methods of creating constants in PHP.

28. Explain switch statement in PHP.

29. Write an example function that takes two parameters and finds their sum.

30. Explain with an example how to create a class in PHP.

31. Explain the use of requires() function in PHP.

32. Explain the mail() function and its parameters for sending email.

33. Explain the use of $_FILES in PHP.

34. Explain different modes of opening a file in PHP.

35. Write an example program to display the contents of a text file on the Web page.

36. Differentiate between CHAR and VARCHAR data types in MySQL.

37. Explain how will you insert a record in MySQL from PHP.

38. Explain the syntax of CREATE table in MySQL.

(6 × 4 = 24 Marks)

SECTION – D [Long Essay]

Answer any **two** questions. **Each** question carries **15** marks.

39. Explain various operators in PHP.   Arithmetic, logical, Conditional

40. Explain various loops in PHP.   for, while, foreach.

41. Explain the features of $_POST. Provide an example program to illustrate the use of $_POST.

42. Write a PHP script to fill a form with name and e-mail When the submit button is clicked, the name and e-mail should be displayed.

43. Explain session management in PHP.

44. Write an example program that will take input using PHP form and insert records into a MySQL database.

(2 × 15 = 30 Marks)

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