2021/TDC (CBCS)/EVEN/SEM/ CSCSEC–601T/110

TDC (CBCS) Even Semester Exam., September—2021

COMPUTER SCIENCE

(6th Semester)

Course No. : CSCSEC–601T

(Programming in PHP)

Full Marks : 50

Pass Marks : 20

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

Answer any *fifteen* of the following as directed :

1×15=15

1. What is a scripting language?

2. Write down the tag which is used to write a basic PHP script.

3. PHP is case sensitive.

(Write True or False)

(Turn Over)

4. What is PHP variable?

5. In PHP, a variable can be declared _____ in the script.

(Fill in the blank)

6. What does '**' operator do?

7. When to use 'Get' method?

8. How to make comment in PHP?

9. Write the general syntax of if else statement in PHP.

10. State one difference between break and continue statements in PHP.

11. The full form of PHP is _____.

(Fill in the blank)

12. What is event in PHP?

13. Why do we need function?

14. What is default argument in function?

15. How do you declare a function in PHP?

16. A variable declared _____ (inside / outside) a function has a global scope.

(Fill in the blank)

17. Give an example of function call by reference.

18. How to make comment line in PHP script?

19. What is double-quoted PHP string?

20. Define regular expression.

21. Write the use of prog_match() function.

22. trim() function is used to _____ (add/remove) white space.

(Fill in the blank)

23. Mention one function used for searching a string.

24. _____ function is used to divide a string into various elements.

(Fill in the blank)

25. What is PHP array?

26. Write the function of foreach() statement.

(4)

27. How do you define an indexed array in PHP?

28. Which function does return the number of members in an array?

29. Write a script for traversing PHP associative array.

30. Mention one useful library function for PHP array.

SECTION—B

Answer any *five* of the following questions : 2×5=10

31. Write the characteristics of PHP.

32. State the difference between echo and print statements.

33. What are PHP 'Get Form' and 'Post Form'?

34. Write a PHP script to print a message 'Hello World'.

35. What is PHP string? How do you declare a PHP string?

36. Write the uses of strlen( ) and strpos( ) function.

(5)

37. How to access variables from the global scope in PHP?

38. Create a PHP function which computes the area of a circle.

39. Mention two advantages of PHP array.

40. What is PHP multidimensional array? Give an example.

SECTION—C

Answer any *five* of the following questions : 5×5=25

41. Discuss the importance of PHP.

42. Write PHP scripts to—

(a) find the largest of two numbers;

(b) find the factorial of a number.

43. Explain different control statements used in PHP.

44. Write a simple program in PHP code to show the handling of HTML form.

45. List different built-in functions used in PHP. Also mention their purposes.

46. Write a short note on function argument with call by value.

47. Discuss different types of PHP string functions.

48. Write PHP scripts to—

    (a) convert a string in lowercase letters;

    (b) reverse a string.

49. Explain different types of PHP arrays.

50. With a PHP code, show the uses of count and end function on array.

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