



**2023/TDC(CBCS)/EVEN/SEM/
CSCSEC-601T/330**

TDC (CBCS) Even Semester Exam., 2023

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 the following as directed (any fifteen) :

1×15=15

1. Who developed PHP?
2. What do you mean by server side scripting language?



(2)

3. How do you set a variable in PHP?
4. PHP provides a ___ function to know the data type of any variable.
(Fill up the blank)
5. What is the Form-Data in PHP?
6. Write the uses of header() function in PHP.
7. How to write OR condition in PHP?
8. What is Exit() in PHP?
9. Why do we need function in PHP?
10. Mention two inbuilt PHP functions.
11. How do you define a constant in PHP?
12. What do you mean by function prototype?
13. What is the purpose of regular expression?
14. ___ function is used to find the length of the string.
(Fill up the blank)
15. Write the uses of preg-split().
16. Can we manipulate literal in PHP?

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(Continued)

(3)

17. How do you declare an array in PHP?
18. What is the difference between array push and array POP?
19. Which function is used to delete an element from and array?
20. What is the use of array_unique()?

SECTION—B

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

21. What do you mean by scope of PHP?
22. With examples, discuss operator precedence in PHP.
23. Differentiate between break and continue statements.
24. Write a PHP script to print the following numbers :
5, 10, 15, 20, 25, 30, 35, 40
25. How do you declare and call a function in PHP?
26. Write the differences between call by value and call by reference.

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(Turn Over)



(4)

27. Write the advantages of regular expression over inbuilt function.
28. How do you join two strings and split a string in PHP?
29. Write the characteristics of index based array.
30. What are the differences between each() and foreach() in PHP?

SECTION—C

Answer any five of the following questions : $5 \times 5 = 25$

31. Discuss different types of operators available in PHP.
32. Write PHP scripts to—
 - (a) find the factorial of an integer number;
 - (b) check an integer number is even or odd.
33. Discuss different types of conditional statements in PHP.
34. How do you handle HTML form with PHP? Write an HTML-PHP program to show this concept.

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(Continued)

(5)

35. Write down the PHP scripts to show the concept of—
 - (a) function arguments;
 - (b) returning function value.
36. What do you mean by scope of a variable in PHP? Discuss the following scopes of function :
 - (a) Global
 - (b) Local
37. Write down uses of the following functions :
 - (a) Strlen()
 - (b) Str-word-count()
 - (c) strrev()
 - (d) Str-replace()
 - (e) Strpos()
38. Discuss different types of operator used in regular expressions.
39. Write a PHP script to search an element in the given list of elements.
40. Write short notes on the following :
 - (a) Associative array
 - (b) Multidimensional array

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