

**2024/TDC (CBCS)/EVEN/SEM/
CSCSEC-601T/142**

TDC (CBCS) Even Semester Exam., 2024

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*

UNIT—I

1. Answer any three of the following questions :

1×3=3

- (a) What do these tags `<? php and ?>` specify in PHP?
- (b) Why is PHP known as scripting language?
- (c) Write the functions of MOD operator.
- (d) Is notepad a PHP code editor?

(2)

2. Answer any *one* of the following questions : 2
- (a) Explain ternary operator with an example.
 - (b) Write two important features of PHP.
3. Answer any *one* of the following questions : 5
- (a) How many data types are there in PHP? Explain them.
 - (b) Write PHP script to—
 - (i) calculate square root of an integer number;
 - (ii) sum of the digits of an integer number. $2\frac{1}{2} + 2\frac{1}{2} = 5$

UNIT—II

4. Answer any *three* of the following questions : $1 \times 3 = 3$
- (a) What is the function of foreach statement in PHP?
 - (b) When to use POST form?
 - (c) What do you mean by event in PHP?
 - (d) Define multivalued field.

(3)

5. Answer any *one* of the following questions : 2
- (a) Differentiate between GET and POST methods.
 - (b) Can we run PHP from HTML file? Justify your answer with example.
6. Answer any *one* of the following questions : 5
- (a) Explain the different types of loop used in PHP. Also write their general syntax.
 - (b) Explain the following :
 - (i) Break and continue
 - (ii) Goto and exit

UNIT—III

7. Answer any *three* of the following questions : $1 \times 3 = 3$
- (a) What is default argument in a function?
 - (b) How do you declare a function in PHP?
 - (c) What do you mean by scope of a function?
 - (d) How to make comment in PHP?

(4)

8. Answer any one of the following questions : 2

- (a) Write a simple PHP script to show function argument with call by reference.
- (b) Write the differences between global and local scopes.

9. Answer any one of the following questions : 5

- (a) How do you define user-defined function and call a function in PHP? Explain with a PHP script.
- (b) List different built-in functions used in PHP. Also mention their purposes.

UNIT—IV

10. Answer any three of the following questions :
1×3=3

- (a) Write the uses of trim() function.
- (b) What is regular expression?
- (c) Write the uses of preg-replace() function.
- (d) What is the purpose of nl2brstring function?

(5)

11. Answer any one of the following questions : 2

- (a) What is meant by string manipulation?
- (b) How do you create and access a string in PHP?

12. Answer any one of the following questions : 5

- (a) List different string manipulation functions. Also write their uses.
- (b) Discuss different operators used in regular expressions.

UNIT—V

13. Answer any three of the following questions :
1×3=3

- (a) Write the advantages of PHP arrays.
- (b) How do you define associative array in PHP?
- (c) Write the uses of 'for each()' function.
- (d) Name two library functions for array operation in PHP.

14. Answer any one of the following questions : 2

- (a) What are array functions in PHP? Name any two.
- (b) How are arrays handled in PHP?

15. Answer any one of the following questions : 5

- (a) Discuss different types of PHP array.
- (b) Write a PHP script which sorts a list of integer numbers in ascending order.

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