

(6 pages)

Reg. No. :

Code No. : 30542 E Sub. Code : CSCA 31

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2024.

Third Semester

Computer Application — Skill Based Subject

PROGRAMMING WITH PHP AND MYSQL

(For those who joined in July 2021-2022 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. PHP stands for _____
 - (a) Preprocessed hypertext page
 - (b) Hypertext preprocessor
 - (c) Processed hyper page
 - (d) Programming hypertext process

2. Which of the following is not a PHP data type?
 - (a) String
 - (b) Resource
 - (c) Void
 - (d) Null
3. Which features in PHP is used to execute an external program?
 - (a) extern()
 - (b) execute()
 - (c) accomplish()
 - (d) exec()
4. A function which starts with – (double underscore) is _____ function.
 - (a) magic
 - (b) inbuilt
 - (c) default
 - (d) user defined
5. The filesize() function returns the file size in _____
 - (a) bite
 - (b) bytes
 - (c) kilobytes
 - (d) gigabytes
6. Which of the following function outputs the contents of a string variable to the specified resource?
 - (a) fwrite()
 - (b) fwrite()
 - (c) filewrite()
 - (d) .fwrite()

7. Which MySQL statement is used to update data in a database?
- (a) amend (b) update
(c) modify (d) alter
8. _____ is used to combine the result from multiple SELECT statements into a single result set.
- (a) UNION (b) CROSS
(c) CONCAT (d) JOIN
9. Which is used to combine two or more result sets into a single set, including duplicates?
- (a) UNION (b) JOIN
(c) UNION ALL (d) JOIN ALL
10. Which is used to manage result state using both associative and indexed arrays?
- (a) get_array() and get_row()
(b) get_array() and get_column()
(c) fetch_array() and fetch_row()
(d) fetch_array() and fetch_column()

PART B — (5 × 5 = 25 marks)

Answer ALL questions by choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Write a note on variables in PHP.
- Or
- (b) Write a function to calculate factorial of a number in PHP.
12. (a) Write any four array functions with description.
- Or
- (b) Demonstrate the usage of cookies in PHP.
13. (a) Discuss various file opening modes in PHP.
- Or
- (b) Explain the following (i) fgets() (ii) fgetc().
14. (a) Explain the datatype supported by MySQL.
- Or
- (b) Discuss the aggregate functions in MySQL with an example.
15. (a) Describe the procedure to validate the input.
- Or
- (b) Briefly explain about various date and time functions in MySQL.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)

Each answer should not exceed 600 words.

16. (a) Classify and explain any four operators in PHP. Write one example of each.

Or

- (b) Discuss all the looping statements. Write PHP code to explain for a loop.

17. (a) Briefly explain the concept of arrays with suitable example.

Or

- (b) Enumerate different types of user-defined functions and write PHP code to explain any one function.

18. (a) How do looping over a file content with fileOf() function? Explain with an example.

Or

- (b) Write a brief note on reading and writing binary files in PHP.

19. (a) Describe sorting and filtering data in MySQL. Also explain advanced filtering data manipulation functions.

Or

- (b) Discuss about set operators and full text searching in MySQL.

20. (a) Discuss PHP and MySQL database connection process.

Or

- (b) Write about error handling in PHP with an example.