

Code No. : 20515 E Sub. Code : CSCA 31

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2023.

Third Semester

Computer Application

Skill Based Subject — PROGRAMMING WITH PHP
AND MYSQL

(For those who joined in July 2021-2022)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. PHP is a _____ side scripting language.
- (a) Client (b) Server
(c) MVC (d) MVT

2. PHP (PHIP : Personal Homo Page) was created by _____
- (a) Dennis Ritche (b) Tim Berners-Lee
(c) Patrick Naughton (d) Rasmus Lerdorf
3. _____ function is used to print data to standard output.
- (a) input() (b) msgbox()
(c) echo() (d) printmsg()
4. _____ array will have their index as string so that you can establish a strong association between key and values.
- (a) Associative (b) List
(c) Indexed (d) Char
5. The _____ function checks if the "end-of-file" has been reached.
- (a) f_eof() (b) f_of()
(c) feofs() (d) feof()
6. The _____ function retrieves the current position of the file pointers offset within the resource.
- (a) fscanf() (b) ftell()
(c) fseek() (d) rewind()

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7. In MySQL _____ datatype is a normal-sized integer that can be signed or unsigned. You can specify a width of up to 11 digits.
- (a) short int (b) int
(c) long int (d) tiny int
8. The _____ statement is used to add new records to a MySQL table.
- (a) INSERT INTO (b) DELETE
(c) UPDATE (d) DROP
9. The _____ statement is used to delete a table.
- (a) DROP TABLE (b) DELETE TABLE
(c) DEL TABLE (d) REMOVE TABLE
10. MySQL enables you to specify whether a field is allowed to be empty by specifying the _____ modifiers after each field definition.
- (a) NULL (b) NOT NULL
(c) CONSTRANT (d) EMPTY

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PART B — (5 × 5 = 25 marks)

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

11. (a) Write note on SWITCH statement in PHP.
- Or
- (b) Write a PHP program to calculate factorial value using WHILE loop.
12. (a) What are the advantages of user-defined functions?
- Or
- (b) How to start PHP session? Explain.
13. (a) Explain the looping over a files content with feof().
- Or
- (b) Discuss the fscanf() functions with an example.
14. (a) How to insert rows in table? Explain.
- Or
- (b) Write note on joining tables.

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15. (a) How to handle errors in PHP's MySQL?

Or

(b) Explain the PHP's string manipulation API.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Discuss the history of PHP.

Or

(b) Explain the looping statements in PHP.

17. (a) What is cookies in PHP? How to create cookies with PHP?

Or

(b) Write a PHP program to read and write the contents into FILE.

18. (a) How to perform copying and deleting file operations in PHP?

Or

(b) Discuss the reading and writing binary files in PHP.

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19. (a) Illustrate the set operators in MySQL.

Or

(b) Describe the process of updation and deletion of rows in a table.

20. (a) Explain the formatting query with character data.

Or

(b) Illustrate the process of validating user input through database layer and application layer.

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