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Reg. No. : .....

Code No. : 20426 E    Sub. Code : CSCA 31

B.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2022.

Third Semester

Computer Applications

Skill Based Subject — PROGRAMMING IN PHP AND  
MYSQL

(For those who joined in July 2021 onwards)

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 function 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) bits                          (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) filewrits()                    (d) fwrites()

7. Which MySQL statement is used to update data in a database?

- (a) amend                      (b) update
- (c) modify                    (d) alter

8. 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

9. \_\_\_\_\_ is used to combine the result from multiple SELECT statements into a single result set.

- (a) UNION                      (b) CROSS
- (c) CONCAT                    (d) JOIN

10. Which is used to manage result sets 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) Write a note on session cookies.

13. (a) Express how to read whole file contents.

Or

(b) Write a note on locking files.

14. (a) Write a note on MySQL tools.

Or

(b) Illustrate sorting and filtering retrieved data.

15. (a) Write a query to find rows between two dates or timestamps.

Or

- (b) Write a note on validating user input.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Illustrate loop iteration with break and continue.

Or

- (b) Describe merging forms with conditional statements.

17. (a) Give examples for modifying and processing array.

Or

- (b) Describe the execution of external programs.

18. (a) Explain looping over a file's content.

Or

- (b) Explain copying and deleting files.

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19. (a) Discuss updation, insertion and deletion of rows in tables.

Or

- (b) Describe full text searching.

20. (a) Briefly explain debugging and diagnostic concepts.

Or

- (b) Describe formatting query output with character and numeric.
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