Reg. No. : ....

Code No. : 10485 E   Sub. Code : CSCA 31

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

Third Semester

Computer Application

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.   Variable name in PHP starts with ———

   (a) !   (b) $

   (c) &   (d) #

2.   How many types of loops are supported by PHP?

   (a) 4   (b) 3

   (c) 2   (d) 1

3. Which of the following can hold more than one value at a time?

   (a) integer

   (b) array

   (c) char

   (d) boolean

4. How is a function defined in PHP?

   (a) function (function body}

   (b) data type functionName (parameters) {function body}

   (c) functionName(parameters) {function body}

   (d) function functionName (parameters) {function body}

5. Which one of the following function reads a directory into an Array?

   (a) scandir( )

   (b) readdir( )

   (c) scandirectory( )

   (d) readdirectory( )

6. fopen( ) requires ———— arguments.

   (a) 0

   (b) 1

   (c) 2

   (d) 3

7. Which MySQL statement is used to select data from a database?

(a) extract

(b) open

(c) select

(d) get

8. Which is used to combine two or more result sets into a single set without duplicates?

(a) UNION

(b) JOIN

(c) UNION ALL

(d) JOIN ALL

9. Which of the following function returns the current and time in MySQL?

(a) now( )

(b) DATE( )

(c) TIME( )

(d) TIMESTAMP( )

10. _____ is the most popular open source SQL database management system.

(a) MySQL

(b) MS Access

(c) MS SQL

(d) Oracle

PART B — (5 × 5 = 25 marks)

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

11. (a) List the features of PHP.

Or

(b) Compare break and continue.

12. (a) Create and modify an array.

Or

(b) Create a simple application using PHP.

13. (a) Compare fgets, fgetc and fseek.

Or

(b) How is a file read into an array? How is a file locked?

14. (a) Mention the pre-requisites for MySQL connection.

Or

(b) Write a note on aggregate function.

15. (a) Write the usage of MySQL commands in PHP.

Or

(b) Write a note on validating user input.

PART C — (5 × 8 = 40 marks)

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

16. (a) Explain switch statement with an example.

Or

(b) Explain for loop with an example.

17. (a) List any four array functions with a description.

Or

(b) Explain session cookies.

18. (a) Describe the file handling operations.

Or

(b) Give an account of reading and writing binary files.

19. (a) Give an account of MySQL data types.

Or

(b) Briefly explain about joining tables.

20. (a) Explain about handling error.

Or

(b) Write queries :

   (i) To find rows between two dates or timestamps

   (ii) To find rows created within the last week.

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