Reg. No. : ....

Code No. : 20423 E   Sub. Code : SSCA 3 A/ ASC A 31

B.C.A. (CBCS) DEGREE EXAMINATION, NOVEMBER 2021.

Third Semester

Computer Application

Skill Based Subject — PROGRAMMING WITH PHP AND MYSQL

(For those who joined in July 2017 onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answers :

1.   The PHP ————— statement is used to terminate the execution of a loop prematurely.

     (a) continue   (b) break

     (c) default   (d) case

2. A variable starts with the ————— sign.

   (a) +   (b) <

   (c) >   (d) $

3. A variable of data type ————— is a variable that has no value assigned to it.

   (a) NULL   (b) int

   (c) double   (d) Boolean

4. ————— is a data structure that stores one or more similar type of values in a single variables.

   (a) Struct   (b) Class

   (c) Array   (d) Union

5. To read a file character by character which function do you use?

   (a) fputc( )   (b) fwrite( )

   (c) fgetc( )   (d) fflush( )

6. The ————— function moves the pointer to the location specified by a provided offset value.

   (a) fscanf( )   (b) fwrite( )

   (c) fseek( )   (d) rewind( )

7. In MySQL ————— datatype is a very small integer that can be signed or unsigned. If signed, the allowable range is from –128 to 127.

   (a) int   (b) tiny int

   (c) short int   (d) long int

8. ————— is used to uniquely identify the rows in a MySQL table.

   (a) primary key   (b) foreign key

   (c) null   (d) not null

9. Which one of the following statements instantiates the mysqli class?

   (a) mysqli = new mysqli( )

   (b) $mysqli = new mysqli( )

   (c) $mysqli -> new.mysqli( )

   (d) mysqli -> new.mysqli( )

10. In MySQL query sort a result set by adding an ————— clause that names the column or columns which you want to sort.

   (a) group by   (b) order by

   (c) sum   (d) avg

PART B — (5 × 5 = 25 marks)

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

11. (a) What is the purpose of variables? Explain the rules for variables.

Or

(b) Explain the PHP logical operators.

12. (a) Distinguish between indexed arrays and associative arrays.

Or

(b) List out the rules for naming the functions.

13. (a) Illustrate the types of file modes in PHP.

Or

(b) Write note on fgets( ) function with an example.

14. (a) How to create a table in MySQL? Explain.

Or

(b) Discuss the sorting and filtering retrieved data in MySQL.

15. (a) Explain the mysql_connect( ) function.

Or

(b) How to terminate the Database connection? Explain.

PART C — (5 × 8 = 40 marks)

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

16. (a) Explain the features of PHP.

Or

(b) Discuss the conditional statements in PHP.

17. (a) How to create an Array in PHP? Explain with an example.

Or

(b) Describe the file handling mechanism in PHP.

18. (a) Explain the function fgetc( ) and file_get_contents( ).

Or

(b) Write note on fseek( ) function in PHP with an example.

19. (a) Explain the aggregate functions in MySQL.

Or

(b) Describe the data types used in MySQL.

20. (a) Explain the MySQL date functions.

Or

(b) Discuss the usage of MySQL commands in PHP.

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