(6 pages)   Reg. No. : ....

Code No. : 20320 E   Sub. Code : AMCS 53

B.Sc. (CBCS) DEGREE EXAMINATION, NOVEMBER 2022.

Fifth Semester

Computer Science – Core

PHP AND MYSQL

(For those who joined in July 2020 onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Expand PHP.

    (a) PHP stands for Preprocessor Home Page

    (b) PHP stands for Pretext Hypertext Processor

    (c) PHP stands for Hypertext Preprocessor

    (d) PHP stands for Personal Hyper Processor

2. Which is the right way of declaring a variable in PHP?

    (a) $3hello   (b) $_hello

    (c) $this   (d) $5_Hello

3. Which of the following are correct ways of creating an array?

    (i)   state[0] = "karnataka";

    (ii) $state[] = array("karnataka");

    (iii) $state[0] = "karnataka";

    (iv) $state = array("karnataka");

    (a) (iii) and (iv)   (b) (ii) and (iii)

    (c) Only (i)   (d) (ii), (iii) and (iv)

4. Which one of the following function is used to start a session?

    (a) start_session( )   (b) session_start( )

    (c) session_begin( )   (d) begin_session( )

5. Which one of the following function is capable of reading a specific number of characters from a file?

    (a) fgets( )   (b) fget( )

    (c) fileget( )   (d) filegets( )

6. Which of the following function is used to read an existing file in PHP?

   (a) openfile( )   (b) readfile( )

   (c) readf( )   (d) read_f( )

7. Which operators test whether a subquery returns any rows?

   (a) IN and NOT IN

   (b) EXISTS and NOT EXISTS

   (c) PRESENT

   (d) ABSENT

8. Character data can be stored as

   (a) Fixed length string

   (b) Variable length string

   (c) Either Fixed or Variable length string

   (d) None of the mentioned

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. Which one of the following methods is responsible for sending the query to the database?

    (a) send_query( )   (b) query( )

    (c) sendquery( )   (d) query_send( )

PART B — (5 × 5 = 25 marks)

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

11. (a) Compare and contrast between local and global variables in PHP.

    Or

    (b) Give a short note on PHP data types.

12. (a) Distinguish between implode and explode function in PHP with an example.

    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 datatypes 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 feof( ) 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.

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