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Reg. No. : .....

Code No. : 10505 E Sub. Code : CMCS 53

B.Sc. (CBCS) DEGREE EXAMINATION,  
APRIL 2024.

Fifth Semester

Computer Science — Core

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 stands for
  - (a) PHP : Hypertext Preprocessor
  - (b) Pretext Hypertext Project
  - (c) Personal Home Processor
  - (d) PHP – Home Page

7. Which of the following returns the current data and time in MySQL?

- (a) Curdate () (b) Now ()
- (c) Curtime () (d) Date ()

8. The \_\_\_\_\_ data type in MySQL supports a signed range of -128 to 127 and an unsigned range of 0 to 255.

- (a) INT (b) SMALL INT
- (c) MEDIUM INT (d) TINY INT

9. Which among the following is the correct syntax for defining "constraint check" in MySQL?

- (a) gender char (1) check (gender IN ('M', 'F'));
- (b) gender char (1) check;
- (c) gender check;
- (d) gender char (1) check (gender);

10. 'NULL' in MySQL defines \_\_\_\_\_

- (a) absence of value (b) zero
- (c) single value (d) 1

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2. do-while loop is an \_\_\_\_\_ controlled loop.

- (a) entry (b) exist
- (c) exit (d) infinite

3. \_\_\_\_\_ PHP function is used to check if the given variable is an array or not.

- (a) which-array (b) is-array
- (c) this-array () (d) in-array

4. What is the output of following PHP code?

```
<?php
```

```
$state = array ("Karnataka", "Goa", "TamilNadu", "Telungana");
```

```
echo (array-search ("Tamil Nadu," $ State));?>
```

- (a) True (b) 3
- (c) False (d) 2

5. The PHP \_\_\_\_\_ function is used to open a file.

- (a) open () (b) fopen ()
- (c) create () (d) insert ()

6. The purpose of r mode is \_\_\_\_\_.

- (a) opens the file for reading
- (b) opens file for writing
- (c) opens the file for appending
- (d) places the file point at end of file

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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 a detailed note on variable in PHP and explain with an example program.

Or

(b) Write a PHP program to sum the digits of an integer using while statement.

12. (a) Write a note on associate arrays in PHP.

Or

(b) How are user-defined functions defined and called in PHP?

13. (a) Define File. Discuss the steps in file manipulation session.

Or

(b) Discuss reading and writing binary files.

14. (a) Write the steps to create a database and a table in MySQL.

Or

(b) Illustrate data filtering using MySQL.

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15. (a) Explain the methods for getting datasets in MySQL.

Or

(b) How are query outputs formatted 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) Illustrate all types of operators in PHP with a program.

Or

(b) Write a detailed note on different control structures in PHP.

17. (a) Prepare railway time table using associative array and display the details of any one train.

Or

(b) Create employee details form and display it using PHP.

18. (a) Discuss fgets, fgetc and fseek functions in PHP.

Or

(b) How are files created and manipulated in PHP?

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19. (a) Write about DCL commands in MySQL.

Or

(b) Write a detailed note on subqueries and joining tables.

20. (a) Write about errors and error handling functions in PHP and MySQL.

Or

(b) With a program explain how PHP and MySQL interact.

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