

(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2022

ONLY

22UCS515

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : NOVEMBER 2024

BSc -COMPUTER SCIENCE(AIDED & SF)

MAXIMUM MARKS: 50

SEMESTER-V

TIME : 3 HOURS

PART - III

22UCS515 – OPEN SOURCE TECHNOLOGIES

SECTION – A

(10 X 1 = 10 MARK

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. A _____ is a special container to hold a value.
 - (a) Variable (b) Operator (c) Data Types (d) Functions
2. A _____ is a self-contained block of code that can be called by scripts.
 - (a) Array (b) Functions (c) Constants (d) Expressions
3. Which of the following command is used to delete or remove whole records from table?
 - (a) Remove (b) Replace (c) Delete (d) Where
4. A Stored procedure is a _____ set of one or more SQL statements.
 - (a) Interpreted (b) Compiled (c) Pre-Compiled (d) Translated
5. Which of the following command is used to clean up the internal caches used by MySQL.
 - (a) FLUSH (b) SHOW (c) EXPLAIN (d) SELECT

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. List the different data types used in PHP.
7. Define Array.
8. Write the syntax for INSERT records.
9. Define Transactions.
10. List the usage of SHOW command

SECTION – B (5 X 3 = 15 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

11. a) Explain PHP Assignment Operator with example.
(OR)
b) Write a PHP code to define a Constant.
12. a) How do you define a Function? Explain its syntax with example.
(OR)
b) Write a note on testing for the Existence of a Function.

13. a) Explain MySQL Numeric Data Types with example.
(OR)
b) Illustrate how do you Modify existing records using MySQL commands.

14. a) Discuss on Transactions with example.
(OR)
b) List and explain any three MySQLi Functions.

15. a) Explain Limiting Access based on HTTP methods.
(OR)
b) Discuss Benchmarking of the Database Server.

SECTION – C (5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)

16. a) Elaborate if statement with suitable example.
(OR)
b) Discuss while statement with suitable example.

17. a) Write a PHP code to find the sum of two numbers using function concept.
(OR)
b) Write a PHP code to read an input from a form using Array.

18. a) How do you create a table in MySQL? Discuss with syntax and example.
(OR)
b) Illustrate SELECT command with example.

19. a) Explain the steps to connect MySQL with PHP.
(OR)
b) Write a PHP Script to Insert a data using Mysql_query() function.

20. a) Paraphrase Standard Apache Error Logging.
(OR)
b) Explain in detail optimizing your Queries using FLUSH command.
