

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2025 ONLY)

23UCS515

REG.NO. :

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

END-OF-SEMESTER EXAMINATIONS : NOVEMBER-2025

B.Sc.Computer Science-AIDED & SF

MAXIMUM MARKS: 75

SEMESTER : V

TIME : 3 HOURS

PART - III

23UCS515- OPEN SOURCE TECHNOLOGIES

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS. (K1)

1. What is PHP?
 - a) PHP is an open-source programming language
 - b) PHP is used to develop dynamic and interactive websites
 - c) PHP is a server-side scripting language
 - d) All above the mentioned
2. How to define a function in PHP?
 - a) function {function body}
 - b) data type functionName(parameters) {function body}
 - c) functionName(parameters) {function body}
 - d) function functionName(parameters) {function body}
3. Which one of the following databases has PHP supported almost since the beginning?
 - a) Oracle Database
 - b) MYSQL
 - c) SQL+
 - d) SQL
4. What is the correct way to close a MySQLi connection?
 - a) mysqli_close(\$conn)
 - b) mysql_close()
 - c) mysqli_end(\$conn)
5. Which of the following is a valid use of the FLUSH command in MySQL?
 - a) FLUSH DATABASE;
 - b) FLUSH CACHE;
 - c) FLUSH TABLES;
 - d) FLUSH INDEXES;

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define Echo Statement.
7. What is an Array?
8. Define WHERE Clause in MYSQL.
9. Write about the Transactions in MYSQL?
10. Define SHOW command.

SECTION – B**(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Interpret the Data types in PHP .
(OR)
b) Show the Switch Statement with example.
12. a) Describe the Testing for the existence of a Function.
(OR)
b) Examine the related Constructs and Functions.
13. a) Write the Basic SQL Commands with example.
(OR)
b) Examine the Data types in MYSQL.
14. a) Describe the Interacting with MySQL Using PHP.
(OR)
b) Examine the MySQLi Functions in PHP.
15. a) Describe the Using Apache for Access Control. Building an Optimized Platform.
(OR)
b) Interpret the Building an Optimized Platform.

SECTION – C**(5 X 8 = 40 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 (Or) K5)**

16. a) Discuss the Operators and Expressions.
(OR)
b) Construct the Flow Control in PHP.
17. a) Evaluate the Functions and its types.
(OR)
b) Summarize the Working with Arrays.
18. a) Discuss the frequently used String Functions in MySQL.
(OR)
b) Describe the Date and Time Functions in MySQL.
19. a) Summarize the Transactions and Stored Procedures in MySQL.
(OR)
b) Discuss the Connect and Work with MySQL Data with PHP.
20. a) Interpret the Restricting Access Based on Cookie Values.
(OR)
b) Summarize the Optimizing Table Structure and Queries.
