LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034
B.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE
FIFTH SEMESTER – APRIL 2023
UCS 5501 – PHP AND MYSQL

Date: 29-04-2023   Dept. No.   Max. : 100 Marks
Time: 01:00 PM - 04:00 PM

Part A

Answer ALL the Questions   **(10 * 2 = 20)**

1. Give the rules to name a variable in PHP.

2. What is Dynamic Linking?

3. Differentiate call by value and call by reference.

4. Write the difference between include() and require().

5. Recall the usage of any two Date and Time functions.

6. State the difference between for and foreach loop.

7. Why register_globals must be disabled in PHP?

8. Write the function to set a time out for a session.

9. How Auto_Increment is achieved in MySQL?

10. Give the MySQL command to drop a table.

Part B

Answer ALL the Questions   **(5 * 8 = 40)**

11. a) List the benefits of PHP, MySQL and Web server in developing a Web application.

(or)

   b) With a simple code explain the difference between For and While loop.

12. a) Write a code with user defined function to receive an array as an argument, add its contents and return the sum.

(or)

   b) Explain how a class is declared with properties, constructors, methods and object creation.

13. a) Define an Array. Explain numeric and associate arrays with examples.

(or)

   b) Write short notes on XHTML validations.

14. a) Explain HTTP Authentication.

(or)

   b) Define Session. Elaborate on the various ways to secure a session.

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15. a) Write a PHP code for making a connection with MySQL, create a Database Table and Populate it.

<center>(or)</center>

   b) Explain Constraints in creating a table in MySQL with examples.

<center>**Part C**</center>

Answer any TWO Questions   **(2 * 20 = 40)**

16. a) Give the structure of a PHP code. Write a HTML and PHP code to get the name and greet the user.   (10 marks)

   b) Illustrate how Inheritance is implemented in PHP.   (10 marks)

17. a) Define files. Explain the various functions to handle a file.   (10 marks)

   b) Define Cookies. Discuss about setting, deleting, and retrieving cookies (10 marks)

18. a) Explain the MySQL commands to retrieve, update and delete data in a database.
                                                                         (10 marks)

   b) Write a HTML code to register for your intercollegiate event and validate the same in PHP.   (10 marks)

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