

**INT 220**

**SERVER SIDE SCRIPTING**

**ETP Sample Questions**

**Q1:** Write a Program in PHP that uses a multidimensional array to store and print information about individuals and their respective details. The array contains information in the format: [Name, Category, City].

**Q 2:** Write a PHP program that prints course names and their counts using an associative array.

# Array Definition:

* + The $courses associative array stores course names as keys and the number of students (or any count) as values.

# Loop Through Array:

* + The foreach loop iterates through each key-value pair in the $courses array.

# Print Course Details:

* + For each course, it prints the courseName and its count.

**Q3:** Create a user-defined function in PHP, PHP function arguments, and various types for passing arguments in functions- call by value, call by reference.

**Q4:** Write a PHP program that uses a two-dimensional array to store data and then iterates through each element of the array to display it.

**Row number 0**:

* Displays the first row’s data: "Manoj", 7.8, "pass".

# Row number 1:

* Displays the second row’s data: "Aditya", 8.5, "pass".

# Row number 2:

* Displays the third row’s data: "Anuj", 4.9, "fail".

**Q5:** Create forms in PHP using html tag for user detail store at server side with mandatory fields through GET or POST method in PHP.

**Q6:** Use the concept of PHP cookies, sessions and strings handling including filter functions.

**Q7:** To design a simple web page with MySQL database connectivity using PHP, let’s walk through the steps needed to create a form where users can input data that is saved in a MySQL database and then displayed back on the web page.

1. **Create the database:** Open your MySQL database (e.g., via phpMyAdmin or the command line) and create a database.
2. **Create a table:** Define a table to store data. Here’s an example for a simple user information table.
3. Create a PHP file to handle the connection to the database.
4. Create a form that will take user input.
5. Create a PHP file that processes the form data and inserts it into the database.

**Q8:** Create a user-defined function in PHP, PHP function arguments, and various types for passing arguments in functions- call by value, call by reference.

* PHP allows us to pass multiple arguments to a function. You can also specify default values for function arguments.
* If an argument has a default value, it becomes optional when calling the function.

**Q9:** Write a Program in PHP which allows you to organize code around objects, which can have properties (attributes) and methods (behaviors). Key OOP concepts in PHP include **Classes and Objects**, **Properties and Methods**, **Constructors and Destructors**, **Inheritance**, **Access Modifiers**, **Polymorphism**, and **Encapsulation**.

**Q10:** Create forms in PHP using html tag for uploading file and receiving file at server side with mandatory fields through GET or POST method in PHP.