

# Pre-board Examination - 2024

**Subject: IT 239: Web Technology -II FM: 60**

**Semester: BIM 4th Semester Time: 3hrs**

**Group A**

**­­ Brief Answer Questions: [ 1 x 10 = 10]**

1. Define constant and variable in PHP.
2. Differentiate between require () and require\_once ()?
3. "PHP is cross-platform" define.
4. Write artisan command to create a Laravel project.
5. How can you find current file name in PHP?
6. How can you pass data from one PHP page to another PHP page?
7. What does fefo () do?
8. Write php code to display current time.
9. What is magic function in php OOP?
10. Give a difference between die () and print () function.

**Group B**

**Short Answer Questions: (Attempt any Five Questions) [ 5 x 3 = 15]**

1. How can you catch MySQL error in PHP? Explain with a program code.
2. Write a program to generate which week day (SUNDAY-SATURDAY) is on 2020-january-1st .
3. Write a program in PHP to inset data from MYSQL table to CSV file.
4. Define Associative array. Write a program to explain multidimensional associative array.
5. What is cookie? Create cookie which store username and password and display them in next page.
6. Explain MVC architecture used in Laravel framework also relate your explanation with directory structure of Laravel.

**Group C**

**Long Answer Questions: (Attempt any Three Questions) [ 3 x 5 = 15]**

1. What is php traits. How can you implement multiple inheritance in php?
2. Write a program to create a session that expires after 5 minutes. (\* hints use date difference logic)
3. Describe the role of parameterized query and prepared statement in SQL injection.
4. Write a php program that display how many times "nepal" (in any case upper/lower) occurs in a string given by user. (\*Do not use direct built-in function).

**Group D**

**Comprehensive Answer: (Attempt All) [ 2 x 10 = 20]**

1. Create an interface “Payment Gateway” with methods for processing payments. Implement this interface in two different classes to simulate different payment gateways. Use try catch in all methods of each class.
2. Create following htm form and validate the followings and insert the form data into db\_prime.tbl\_students table.

* Name should be alphabet only
* Age should be number only and in between (18 and 40)
* Email must be in correct format
* Date must be in given format
* Terms and conditions must be checked

