

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA– SEMESTER - V EXAMINATION- SUMMER-2023

Subject Code: 4659307**Date: 19/06/2023****Subject Name: Application Development using LARAVEL****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1 (a)** Do as directed. **07**
1. _____ command is used to create project in Laravel.
 2. _____ command is used to create table in Laravel.
 3. What are blade pages?
 4. What is database seeder?
 5. What is difference between {{ }} and {!! !!} syntax in Laravel?
 6. @extends is _____.
 7. What is soft delete?
- (b)** List and explain basic php artisan commands in Laravel. **07**
- Q.2 (a)** Write short note on control structures available in blade. **07**
- (b)** What is blade directive? Explain any two in detail. **07**
- OR**
- (b)** What is framework? Why one should use framework? How Laravel is useful in developing web application? **07**
- Q.3 (a)** What is Middleware? How it can be created and implemented? Explain with proper example. **07**
- (b)** What is CSRF protection? Explain in detail. **07**
- OR**
- Q.3 (a)** What is form method spoofing? How it is useful? Explain with example. **07**
- (b)** What is Eloquent? What is advantage of Eloquent? Explain accessing and inserting records using Eloquent with code snippet. **07**
- Q.4 (a)** Explain Laravel's Request life cycle in detail. **07**
- (b)** Explain the mechanism of handling cookies in Laravel. Also show how can we read and write values to it. **07**
- OR**
- Q.4 (a)** Explain the mechanism of writing and reading data from session. **07**
- (b)** What is pagination? How can we manually create paginators? Also write code snippet to paginate database results. **07**
- Q.5 (a)** What are different types of relationships we can define on models? Explain with proper code snippet. **07**
- (b)** What is Response object in Laravel? How can we send response from Laravel? Also explain different methods to send file as response to browser. **07**
- OR**
- Q.5 (a)** How can we implement authentication in Laravel? Also explain how it works. **07**
- (b)** What is database migration? What is its usage? Explain with example. **07**
