

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER IV - EXAMINATION –WINTER-2022

Subject Code: 2648604**Date: 21/12/2022****Subject Name: Application Development using LARAVEL****Time: 10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Why Use a Framework in website development? **07**
 (b) How Laravel work? What are the advantages of Laravel? **07**
- Q.2** (a) What is an artisan? List artisan command available laravel. Also explain how can we create our own artisan commands in laravel? **07**
 (b) How can we create custom blade directives in laravel? Explain with code. **07**
- OR**
- (b) What is blade directive? Explain @extends, @parents **07**
- Q.3** (a) What is database Migration? What is its usage? Explain with example? Also list the different options to use with migration command. **07**
 (b) What is pagination? Demonstrate the database result into pagination. **07**
- OR**
- Q.3** (a) What is Route? Why use Route? **07**
 (b) Explain Authentication working in laravel with appropriate example. **07**
- Q.4** (a) Explain life cycle of Laravel Request object? How can we access it? **07**
 (b) Explain Form method spoofing and CSRRP Protection. **07**
- OR**
- Q.4** (a) Explain important directories used in a common Laravel application. **07**
 (b) Explain following terms: **07**
- (i) Traits
 (ii) Contracts
 (iii) Facades
 (iv) Controller
- Q.5** (a) Explain faker and Lumen in Laravel. **07**
 (b) What is Eloquent? What are the benefits of Eloquent? Demonstrate the code to insert record using Eloquent. **07**
- OR**
- Q.5** (a) How can we access session in Laravel? Demonstrate the code snippets. **07**
 (b) How can we implement a package in laravel? **07**
