

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA – SEMESTER V- EXAMINATION –SUMMER-2025

Subject Code: 4659307

Date: 05/06/2025

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.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** (a) Write a short note on: Advantages of developing a web application in Laravel as compared to Core PHP **07**
(b) List and explain basic php artisan commands in Laravel **07**
- Q.2** (a) Explain following. **04**
1) Form method spoofing. **03**
2) CSRF Protection **07**
(b) Write short note on control structures available in blade **07**
- OR**
- (b) Explain default route, fall back route, route parameters and route constraints in Laravel. **07**
- Q.3** (a) Explain MVC Architecture. In brief. **07**
(b) What is blade directive? Explain any two in detail. **07**
- OR**
- Q.3** (a) What is middleware? Creating Custom Middleware with example **07**
(b) How could one access controller variables in views in Laravel? **07**
- Q.4** (a) What is Eloquent? What is advantage of Eloquent? Explain accessing and inserting records using Eloquent with code snippet. **07**
(b) Explain Laravel's Request life cycle in detail **07**
- OR**
- Q.4** (a) Explain the mechanism of handling cookies in Laravel. Also show how can we read and write values to it. **07**
(b) Explain different Laravel File System Methods. **07**
- Q.5** (a) What is pagination? How can we manually create paginators? Also write code snippet to paginate database results. **07**
(b) How are request object and response object used in Laravel? **07**
- OR**
- Q.5** (a) i) Write short Note: Auth controller **04**
ii) Differentiate between {{ versus {!! **03**
(b) Write short Note: Router and Validations of uploaded files. **07**
