

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA - SEMESTER- V EXAMINATION – WINTER 2019****Subject Code: 4659307****Date: 16/11/2019****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)** Do as Directed **07**
- 1) Deleting records using _____ can be restored.
 - 2) Laravel _____ provides full text search.
 - 3) _____ is used to insert dummy records to model.
 - 4) Views in Laravel are stored as _____ files.
 - 5) What is difference between `{{ $username }}` and `!!username!!`?
 - 6) Migrations can be used to create tables from Laravel. (True\False)
 - 7) Laravel does not support caching.(True\False)
- (b)** What is an artisan? List artisan commands available in Laravel? Also Explain how can we create our own artisan commands in Laravel? **07**
- Q.2 (a)** Write short note on control structures available in blade? Write code snippet for any one. **07**
- (b)** How can we create custom blade directives in laravel? Explain with code snippet. **07**
- OR**
- (b)** What is blade directive? Explain : @extends , @parent , @section. **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? How can we manually create paginators? Also write code snippet to paginate database results. **07**
- OR**
- Q.3 (a)** Explain following **04**
- 1) Form method spoofing. **03**
 - 2) CSRF Protection. **03**
- (b)** How can we implement Authentication in Laravel? Also explain how it works? **07**
- Q.4 (a)** Explain the life cycle of Laravel Request object? How can we access it? Also explain mechanism to read uploaded files from Laravel. **07**
- (b)** What is Eloquent? What is advantage of Eloquent? Explain accessing and inserting records using Eloquent with code snippet. **07**
- OR**
- Q.4 (a)** 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**
- (b)** What is Middleware? How it can be created and implemented? Explain with proper code snippet. **07**
- Q.5 (a)** What are accessors and mutators? Explain with code snippets. **07**
- (b)** How can we access session in Laravel? Explain the mechanism of writing and reading data from session. **07**
- OR**
- Q.5 (a)** What are different type of relationships we can define on models? Explain with proper code snippet. **07**
- (b)** Explain the mechanism of handling cookies in Laravel. Also show how can we read and write values to it. **07**
