

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA – SEMESTER-V EXAMINATION –SUMMER-2020****Subject Code:4659307****Date:07-11-2020****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) State and explain basic artisan commands in Laravel. **07**
(b) List and explain Laravel's directory structure briefly. **07**
- Q.2** (a) How could one access controller variables in views in Laravel? **07**
(b) Explain the terms: 1. Route Model Binding 2. Route Caching **07**
- OR**
- (b) How could one use Form method spoofing in Laravel for better web application development? **07**
- Q.3** (a) Why is Template inheritance significant in Laravel? Justify your answer with suitable examples. **07**
(b) How are Message Bags and String Helpers useful in web application development? **07**
- OR**
- Q.3** (a) How could you use query builder in Laravel? Explain giving suitable example. **07**
(b) How could one perform validation of form requests in Laravel? Write appropriate code to justify your answer. **07**
- Q.4** (a) Write steps (and code if necessary) to authenticate users to a particular page in your web application. **07**
(b) Where and how are blade templates used in Laravel? **07**
- OR**
- Q.4** (a) Explain Laravel's Request Life cycle in detail. **07**
(b) How are request object and response object used in Laravel? **07**
- Q.5** (a) Write script that demonstrates use of JSON API for web application of your choice. Explain the code. **07**
(b) How could one perform file upload and manipulation in Laravel? Manipulate the uploaded file as per your choice. **07**
- OR**
- Q.5** (a) How are sessions, cache and cookies stored and retrieved in Laravel? **07**
(b) Write steps to perform full-text search using Laravel Scout? **07**
