

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**MCA – SEMESTER V - EXAMINATION –WINTER-2021**

**Subject Code: 4659307****Date: 26/11/2021****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.

Q1. (a) Write a short note on: Advantages of developing a web application in Laravel as compared to Core PHP. 07

Q1. (b) Mention the directory path/location of routes file, controller files, middleware files, view files, .env file and possible file extensions of view files in Laravel. 07

Q2. (a) Write a short note on: Plain, Resource and Single Action Controllers in Laravel. 07

Q2. (b) Explain default route, fall back route, route parameters and route constraints in Laravel. 07

**OR**

Q2. (b) Write a short note on: MVC Architecture. 07

Q3. (a) Briefly explain the use of @extends, @section, @endsection, @yield, @show, @include and @parent in Blade Template. 07

Q3. (b) Write a short note on: Purpose of Laravel Migrations along with artisan commands to create and run migrations and explaining the concept of up() and down() methods. 07

**OR**

Q3. (a) Briefly explain the purpose and working of different 'Auth' controllers. 07

Q3. (b) How is route caching beneficial for a web application? Which are the artisan commands related to route caching in Laravel? Why is it better to write processing logic in controllers rather than as function closures? Why is it advisable NOT to do route caching at development stage? 07

Q4. (a) Write a short note on: Laravel Request Life Cycle. 07

Q4. (b) Write a short note on: Laravel Middleware. 07

**OR**

Q4. (a) Explain different Laravel File System Methods. 07

Q4. (b) Write a short note on: Common characteristics of Laravel REST-like API. 07

Q5. (a) Write a short note on: HTTP verbs. 07

Q5. (b) Write a short note on: Form Method Spoofing and CSRF in Laravel. 07

**OR**

Q5. (a) Write any seven frequently used php artisan commands. 07

Q5. (b) Write a short note on: Eloquent Events. 07

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