

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER IV- EXAMINATION –WINTER-2023

Subject Code:2648604

Date: 08/01/2024

Subject Name: Application Development using LARAVEL

Time: 02:30 PM TO 05:00 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) How LARAVEL works? How LARAVEL achieves developer happiness? **07**
(b) Explain LARAVEL's Directory structure. **07**

- Q.2** (a) Explain basic Artisan commands. **07**
(b) What is a controller? Explain methods of LARAVEL's resource controllers. **07**

OR

- (b) What is Blade Templating? Explain control structures. **07**

- Q.3** (a) Explain LARAVEL's built-in concept of pagination. **07**
(b) Explain View composers and Service injection. **07**

OR

- Q.3** (a) Explain manual validation and validation using the validate() method in the controller. **07**
(b) Explain two primary ways to run the seeders in LARAVEL. **07**

- Q.4** (a) What is Eloquent? Explain Inserts and Updates with Eloquent. **07**
(b) Explain the User model and Migration in LARAVEL. **07**

OR

- Q.4** (a) Explain Eloquent model Mass assignment. **07**
(b) Explain LARAVEL's Request lifecycle. **07**

- Q.5** (a) What is Middleware? How it can be created and implemented? How parameter can be passed to Middleware? **07**
(b) What is session? How session can be accessed in LARAVEL? Explain methods available on session instances. **07**

OR

- Q.5** (a) What is a cookie? Explain Cookie facade, the cookie() global helper, and the request and response objects in LARAVEL. **07**
(b) Explain two different syntaxes in LARAVEL for sending mail. **07**
