GUJARAT TECHNOLOGICAL UNIVERSITY

MCA INTEGRATED – SEMESTER IV- EXAMINATION –SUMMER-2025

Subject Code: 2648604   **Date: 23/06/2025**

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)	What is Framework? Why Use a Framework in website development?	07
	(b)	State and explain any seven php artisan commands in Laravel.	07
Q.2	(a)	What is blade directive? Explain: @extends, @parent, @section.	07
	(b)	What is pagination? How can we manually create paginators? Also write code snippet to paginate database results.	07

<p align="center">OR</p>

	(b)	Explain String Helpers, Pluralization, and Localization in Laravel with appropriate example.	07
Q.3	(a)	What is database migration? List different options use with migration command. Explain with example?	07
	(b)	Explain Using the auth () Global Helper and the Auth Facade with Example.	07

<p align="center">OR</p>

Q.3	(a)	What is Database Eloquent? Explain Eloquent Events with Example?	07
	(b)	What is Route? Why use Route? Explain with Example.	07
Q.4	(a)	Explain Session Management and cookies handling in Laravel.	07
	(b)	How can we implement Authentication in Laravel? Also explain how it works?	07

<p align="center">OR</p>

Q.4	(a)	What is middleware? Explain with proper examples.	07
	(b)	What is injecting a request object? Explain in detail.	07
Q.5	(a)	Explain full text search with Laravel Scout.	07
	(b)	What are accessors and mutators? Explain with code snippets.	07

<p align="center">OR</p>

Q.5	(a)	How many types of Notifications. List out of Notifications. And Explain any four Notifications with Example.	07
	(b)	Explain faker and Lumen in Laravel.	07

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