GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER-IV EXAMINATION –SUMMER-2020

Subject Code:2648604   **Date:07-11-2020**
Subject Name:Application Development using LARAVEL (LR)
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 in laravel.	
		2. Views in Laravel are stored as _____ files.	
		3. Define Elixir.	
		4. Tinker can be used to create tables from Laravel. (True\False)	
		5. What is the difference between {{$username}} and {!!username!!}?	
		6. Define prompts.	
		7. Write a command to create custom command in laravel.	
	(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)**	Explain following terms and differentiate them among each other:	**07**
		1. Facades	
		2. Helper Functions	
		3. Dependency Injection	
	(b)	What is pagination? How can we manually create paginators? Also write code snippet to paginate database results.	**07**
		OR	
	(b)	Write short note on control structures available in blade? Write code snippet for any one of them.	**07**
Q.3	**(a)**	What is database migration? List different options use with migration command. Explain with example?	**07**
	(b)	What are different types of relationships we can define on models? Explain with Proper code snippet.	**07**
		OR	
Q.3	**(a)**	What is seed and factory? Take an appropriate example to explain the use of these features in Laravel.	**07**
	(b)	How can we implement Authentication in Laravel? Also explain how it works?	**07**
Q.4	**(a)**	Explain the scope in Laravel with proper example.	**07**
	(b)	Explain the life cycle of Laravel Request object? How can we access it? Also Explain mechanism to read and uploaded files in Laravel.	**07**
		OR	
Q.4	**(a)**	What is request object? Explain all its method with example.	**07**
	(b)	What is Middleware? How it can be created and implemented? Explain with Proper code snippet.	**07**
Q.5	**(a)**	Explain process of storing and retrieving session data and cached data. Also differentiate between them.	**07**
	(b)	Explain mail functionality in laravel. Explain two different syntaxes used in Laravel to send mail. Give appropriate examples.	**07**

OR

Q.5 **(a)** Explain the mechanism of handling cookies in Laravel. Also show how can we read and write values to it. Explain cookie() global helper. **07**

(b) Explain full text search with Laravel Scout. **07**

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