# GUJARAT TECHNOLOGICAL UNIVERSITY
## MCA - SEMESTER– V EXAMINATION – WINTER 2019

**Subject Code: 4659307**                                      **Date: 16/11/2019**
**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)** Do as Directed                                                                                    **07**
    1) Deleting records using _____ can be restored.
    2) Laravel _____ provides full text search.
    3) _____ is used to insert dummy records to model.
    4) Views in Laravel are stored as _____ files.
    5) What is difference between {{$username}} and {!!username!!}?
    6) Migrations can be used to create tables from Laravel. (True\False)
    7) Laravel does not support caching.(True\False)

**(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)** Write short note on control structures available in blade? Write code snippet for any one.                                                                                    **07**

**(b)** How can we create custom blade directives in laravel? Explain with code snippet.                                                                                    **07**

**OR**

**(b)** What is blade directive? Explain : @extends , @parent , @section.                          **07**

**Q.3** **(a)** What is database migration? What is its usage? Explain with example? Also list the different options to use with migration command.                                    **07**

**(b)** What is pagination? How can we manually create paginators? Also write code snippet to paginate database results.                                                            **07**

**OR**

**Q.3** **(a)** Explain following
    1) Form method spoofing.                                                                    **04**
    2) CSRF Protection.                                                                          **03**

**(b)** How can we implement Authentication in Laravel? Also explain how it works?        **07**

**Q.4** **(a)** Explain the life cycle of Laravel Request object? How can we access it? Also explain mechanism to read uploaded files from Laravel.                                    **07**

**(b)** What is Eloquent? What is advantage of Eloquent? Explain accessing and inserting records using Eloquent with code snippet.                                    **07**

**OR**

**Q.4** **(a)** What is Response object in Laravel? How can we send response from Laravel? Also explain different methods to send file as response to browser.                    **07**

**(b)** What is Middleware? How it can be created and implemented? Explain with proper code snippet.                                                                                    **07**

**Q.5** **(a)** What are accessors and mutators? Explain with code snippets.                          **07**
**(b)** How can we access session in Laravel? Explain the mechanism of writing and reading data from session.                                                            **07**

**OR**

**Q.5** **(a)** What are different type of relationships we can define on models? Explain with proper code snippet.                                                                    **07**
**(b)** Explain the mechanism of handling cookies in Laravel. Also show how can we read and write values to it.                                                            **07**

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