Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA– SEMESTER V- EXAMINATION –WINTER-2023

Subject Code:4659307 Date: 05/12/2023

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 Answer the following do as directed. **14**

a. Define: Middleware

b. Full form of REST.

c. Define: migration

d. What is CSRF protection?

e. List out any 4 methods available on Cache Instances

f. Difference between {{ verses {!!

g. Define: $fillable and $guarded property.

Q.2 (a) What do you mean by MVC, Explain with example and figure? **07**

(b) Explain given user input methods: **07**

(1) ask( ) (2) secret( ) (3) choice( )

OR

(b) Explain features and advantages of Laravel. **07**

Q.3 (a) Explain directory structure of Laravel. **07**

(b) Explain given user input methods: **07**

(1) redirect( ) -> to( ) (2) redirect( ) -> route( )

(3) redirect( ) -> with( )

OR

Q.3 (a) What is an artisan? List out some common artisan commands **07**

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

Q.4 (a) What is middleware? Create custom middleware with example. **07**

(b) Explain Route model binding with example. **07**

OR

Q.4 (a) What is pagination? How can we manually create paginators? Also write code snippet to paginate database results. **07**

(b) How are request object and response object used in Laravel? **07**

Q. 5 (a) What are accessors and mutators? Explain with code snippets. **07**

(b) Explain the mechanism of handling cookies in Laravel. Also show how we can read and write values to it. **07**

OR

Q. 5 (a) What is Eloquent? Explain accessing and inserting records using Eloquent with code snippets. **07**

(b) Write a short note on: Form method spoofing and CSRF in Laravel. **07**

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