

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA - SEMESTER- V • EXAMINATION – WINTER 2020**

Subject Code:4659307

Date:05/01/2020

Subject Name:Application Development using LARAVEL**Time:10:30 AM to 12:30 PM****Total Marks: 56**

Instructions:

1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Explain Terms (any two): Composer, Eloquent, Elixir **04**
- (b) Explain following methods (any three): **06**
i) paginate() ii) handle() iii) auth()->check() iv) \$this->choice() v) redirect()
- (c) Do as directed. **04**
i) Write command to echo variable “username”.
ii) Write command to create new Laravel Project “Payroll”.
iii) What is the content of “resources” directory?
iv) How to share a variable globally?
- Q.2** (a) What is a framework? Why one should use framework? How Laravel achieves developer happiness? **07**
- (b) How can we create, update and delete a record in database using Laravel eloquent (assume table structure product(prodid,name)). **07**
- Q.3** (a) Explain \$request->all(),\$request->except(),\$request->input() and \$request->json() methods of request object. **07**
- (b) i) Explain @include and @extend blade directive with proper example. **04**
ii) Explain @if blade control structure using suitable example. **03**
- Q.4** (a) What is blade? Discuss template inheritance. **07**
- (b) i) Write short Note: Auth controller **04**
ii) Differentiate between {{ versus {!! **03**
- Q.5** (a) Explain the process of sorting results in Laravel using suitable example. **07**
- (b) Write Short Note: Laravel Request Lifecycle. **07**
- Q.6** (a) Explain the process of Transforming Results in Laravel using suitable example. **07**
- (b) Demonstrate creation of Custom Middleware with example. **07**
- Q.7** (a) Explain session management in Laravel. **07**
- (b) How to perform user authentication and authorization in Laravel? **07**
- Q.8** (a) Write short Note: Router and Validations of uploaded files **07**
- (b) Explain process of storing and reading cookies. **07**
