



PBU-003-1081002 Seat No. _____

**M. Sc. (IT & CA) (Sem. I) (W.E.F. 2016) (CBCS)
Examination**

November / December - 2018

CS - 02 : Advance Web Development in Laravel

Faculty Code : 003

Subject Code : 1081002

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All main questions are compulsory.
(2) Draw diagrams wherever necessary.

- 1 (a) Fill in the blanks. 4
- (1) Class defines as _____ may not be instantiated.
 - (2) The variable _____ is a special variable and it refers to the same object i.e. itself.
 - (3) _____ magic method is called when object of class is unset.
 - (4) The class itself is being defined _____ then it cannot be extended.
- (b) Answer in brief : (any **one** out of two) 2
- (1) Explain Bootstrap Grid System with example.
 - (2) What is the use of static class member or methods in PHP ?
- (c) Answer in detail : (any **one** out of two) 3
- (1) What is type hinting ? Explain with example.
 - (2) What is responsive designing ? Explain with example.
- (d) Write short note : (any **one** out of two) 5
- (1) What is Bootstrap ? Explain advantages of using bootstrap.
 - (2) Explain Public, Private and Protected members of PHP.

- 2** (a) Write one word/line for : **4**
- (1) Artisan
 - (2) Seeders
 - (3) Views
 - (4) Migrations
- (b) Answer in brief : (any **one** out of two) **2**
- (1) What is environment configuration in Laravel Application ?
 - (2) How to install Laravel ? Write different methods of installing Laravel.
- (c) Answer in detail : (any **one** out of two) **3**
- (1) Explain the process of configure database in Laravel.
 - (2) What is Laravel ? Explain the features of Laravel Framework.
- (d) Write short note : (any **one** out of two) **5**
- (1) What is MVC Architecture ? Explain in detail.
 - (2) Explain directory structure of Laravel Framework in detail.
- 3** (a) Give the meaning or use of Artisan commands. **4**
- (1) php artisan down
 - (2) php artisan env
 - (3) php artisan migrate:refresh
 - (4) php composer.phar update
- (b) Answer in brief : (any **one** out of two) **2**
- (1) Write the use of “php artisan migrate:rollback” command.
 - (2) What is CSRF protection ?

- (c) Answer in detail : (any **one** out of two) **3**
- (1) Explain database seeding process with example.
 - (2) How to use parameter in Routing ? Give suitable example.
- (d) Write short note : (any **one** out of two) **5**
- (1) Explain all available Router Methods with example.
 - (2) What is RESTful Resource Controller ? Explain features of routing to controller.
- 4 (a) Give meaning or purpose of blade template commands. **4**
- (1) @extends ('layout')
 - (2) @parent
 - (3) @foreach
 - (4) @show
- (b) Answer in brief : (any **one** out of two) **2**
- (1) How to execute any PHP function in Blade template ? Give example.
 - (2) Write the use of {{ }} in blade template.
- (c) Answer in detail : (any **one** out of two) **3**
- (1) Explain Blade conditional statement with example.
 - (2) How to inherit blade template ? Give examples.
- (d) Write short note : (any **one** out of two) **5**
- (1) What is Blade Template ? Explain Blade Master Page layout with example.
 - (2) Write advantages or benefits of using Blade Template in Laravel.

- 5 (a) Write the use of following validations. 4
- (1) Required
 - (2) Alpha Dash
 - (3) Email
 - (4) Regular Expression
- (b) Answer in brief : (any **one** out of two) 2
- (1) How to create new validates and display error messages.
 - (2) What is use same:field validation ? Give example.
- (c) Answer in detail : (any **one** out of two) 3
- (1) Write short note on eloquent ORM.
 - (2) Describe process to display data from model to view.
- (d) Write short note : (any **one** out of two) 5
- (1) How to use validation in Laravel ? Explain with example.
 - (2) Explain in detail CRUD operation using model in Laravel.
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