

M.Sc.(IT & CA) Semester - 1 (CBCS) Examination**Nov/Dec - 2022 [NEW COURSE]****ADVANCE WEB DEVELOPMENT IN Laravel(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q-1 (a) Answer the following questions [3]
1. What are Badges?
 2. What is Thumbnail?
 3. What is static?
- (b) Answer the following questions (ANY TWO) [6]
1. Explain private, public and protected with example.
 2. Explain Object Cloning.
 3. Explain Abstraction with example.
 4. Explain file structure of Bootstrap.
- (c) Answer the following questions (ANY ONE) [5]
1. Explain Progress bar.
 2. Write note on Type Hinting.
- Q-2 (a) Answer the following questions [3]
1. What is Laravel?
 2. _____ is developer of Laravel.
 3. ___ folder contains the core code of application.
- (b) Answer the following questions (ANY TWO) [6]
1. What is composer? How it works?
 2. Explain Maintenance mode.
 3. How to do database configuration?
 4. Describe the structure of Laravel application.
- (c) Answer the following questions (ANY ONE) [5]
1. Explain MVC Architecture.
 2. Write the steps to install Laravel.
- Q-3 (a) Answer the following questions [3]
1. Which Artisan command is used to display all artisan commands?
 2. What is Migration?
 3. What is namespace?
- (b) Answer the following questions (ANY TWO) [6]
1. Explain Lifecycle of Laravel Application.
 2. Write short note on cookies and sessions in laravel.
 3. Explain database configuration in laravel.
 4. Explain Route Filters.
- (c) Answer the following questions (ANY ONE) [5]
1. Explain Routing in Laravel.
 2. Write short note on Maintenance mode.

- Q-4 (a) Answer the following questions [3]
1. What is use of @yield()
 2. What is use of isset?
 3. Which databases are supported by Laravel?
- (b) Answer the following questions (ANY TWO) [6]
1. Explain Localization feature
 2. How to use PHP function in Blade template
 3. What is the use of forms? explain any two controls.
 4. How to extend master layout?
- (c) Answer the following questions (ANY ONE) [5]
1. Explain blade conditional statements.
 2. Explain Database Transactions.
- Q-5 (a) Answer the following questions [3]
1. ORM stands for _____.
 2. Write a command to create a model.
 3. What is Validation?
- (b) Answer the following questions (ANY TWO) [6]
1. Write short note on in built validations rules in Laravel.
 2. Explain how to work with custom validation rule?
 3. Explain TimeStamps.
 4. Explain any two validation in laravel.
- (c) Answer the following questions (ANY ONE) [5]
1. Explain how to retrieve all error message for all fields?
 2. Explain Eloquent ORM model.
