

**M.Sc.(IT & CA) Semester - 1 (CBCS) Examination
Jan/Feb.-2022 [NEW COURSE]**

ADVANCE WEB DEVELOPMENT IN Laravel(CORE)

Time: 1:30 Hours**Marks:42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

Q-1	(a)	Answer the following questions	[3]
		1. What is Responsive Design? 2. What is Scope Resolution Operator “::”? 3. What are Badges?	
	(b)	Answer the following questions (ANY TWO)	[6]
		1. Explain the file structure of Bootstrap. 2. Describe static keyword and final keyword. 3. Explain Progress bar. 4. Write note on Type Hinting.	
	(c)	Answer the following questions (ANY ONE)	[5]
		1. Write note on Magic Methods. 2. Explain following class of Bootstrap: Typography, Navbar, Button, Tables and alerts.	
Q-2	(a)	Answer the following questions	[3]
		1. What is Laravel? 2. Write a command to create a new project in Laravel. 3. What is artisan?	
	(b)	Answer the following questions (ANY TWO)	[6]
		1. Describe the structure of Laravel application. 2. What is Composer? Explain in detail. 3. Explain Maintenance mode 4. Explain MVC Architecture.	
	(c)	Answer the following questions (ANY ONE)	[5]
		1. Write the steps to install Laravel. 2. What is configuration? Explain Environment configuration.	
Q-3	(a)	Answer the following questions	[3]
		1. What is Migration? 2. What is Routing? 3. What is namespace?	
	(b)	Answer the following questions (ANY TWO)	[6]
		1. Explain Route Parameter 2. Explain Route Filters. 3. How to migrate and create table from artisan command with steps? 4. Explain Database seeding.	
	(c)	Answer the following questions (ANY ONE)	[5]
		1. Write short note on Maintenance mode. 2. Write short note on cookies and sessions in laravel.	

- Q-4** **(a)** **Answer the following questions** **[3]**
1. What is Blade template?
 2. What is use of @extends?
 3. Which databases are supported by Laravel?
- (b)** **Answer the following questions (ANY TWO)** **[6]**
1. Explain Syntax of Blade Template.
 2. How to extend master layout?
 3. How to display variables in Blade template.
 4. How to use PHP function in Blade template
- (c)** **Answer the following questions (ANY ONE)** **[5]**
1. Explain blade looping statements.
 2. Explain blade conditional statements with example.
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- Q-5** **(a)** **Answer the following questions** **[3]**
1. What is Validation?
 2. Full form of ORM.
 3. What is the use of alpha dash?
- (b)** **Answer the following questions (ANY TWO)** **[6]**
1. Explain Primary Key.
 2. Explain TimeStamps.
 3. Explain any two validation in laravel.
 4. Explain different methods to retrieve error messages.
- (c)** **Answer the following questions (ANY ONE)** **[5]**
1. Explain Eloquent ORM model.
 2. Explain Regular Expression, Required & String Custom validation Rules.
