

M.Sc. (I.T. & C.A.) Semester - 1 (CBCS) Examination
October/November-2018 (New Course)
Advanced Web Programming with Larvael
(CS-02)

Time: 2:30 Hours**Marks: 70****Instructions:**

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

Que-1 (a)	Answer following Questions. 1. What is scope resolution operator (::)? 2. What are Badges? 3. What is Thumbnail?	(03)
(b)	Answer following Questions. (Any Two) 1. Explain static method and static properties. 2. Explain Abstraction with example. 3. Explain file structure of Bootstrap.	(06)
(c)	Answer following Questions. (Any One) 1. Write short note on Magic Methods. 2. Write short note on Grid system in Bootstrap.	(05)
Que-2 (a)	Answer following Questions. 1. What is Laravel? 2. Write a command to create a new project in Laravel. 3. What is stored in storage folder?	(03)
(b)	Answer following Questions. (Any Two) 1. What is composer ? How it works ? 2. Explain Maintenance mode. 3. How to do database configuration ?	(06)
(c)	Answer following Questions. (Any Two) 1. Explain Features of Laravel. 2. Write short note on MVC Architecture.	(05)
Que-3 (a)	Answer following Questions. 1. Which Artisan command is used to display all artisan commands. 2. What is Migration? 3. Write a route to call a function (show) from controller (feedbackcon).	(03)
(b)	Answer following Questions. (Any Two) 1. Create a table student (rollno, name, course, marks) using migration. 2. Explain Route Filters. 3. Explain parameterized route and route with default value.	(06)
(c)	Answer following Questions. (Any One) 1. Explain structure of migration file and explain how to create employee table using migration. 2. Write short note on Restful Resource Controller.	(05)
Que-4 (a)	Answer following Questions. 1. The return value of Insert method of DB façade is _____. 2. How to display variables in blade template ? 3. _____ is used to display the value of the title in template.	(03)

(b)	Answer following Questions. (Any Two) 1. Explain Template Inheritance. 2. How to display variables in blade template. 3. How to use PHP function in blade template.	(06)
(c)	Answer following Questions. (Any One) 1. Explain Blade Conditional statement. 2. Write a program to accept data from user for employee table. (employee no, name, salary, department) and insert in with SQL query in table.	(05)
Quea-5 (a)	Answer following Questions. 1. What is full form of ORM-Object Relational Mapper. 2. Which are timestamp fields? 3. _____ method is used to retrieve all error messages.	(03)
(b)	Answer following Questions. (Any Two) 1. Explain structure of model file with example. 2. Create following validations in model. a. Name: required, length – minimum -10, maximum-80, alphabets, digits, underscore, dash only. b. Email: required, email format, it should not be same in two or records in table. c. Age: integer only, should be greater than 21. 3. Explain different methods to retrieve error messages.	(06)
(c)	Answer following Questions. (Any One) 1. Explain Built in validators in laravel. 2. Explain update & Delete operation using ORM Model.	(05)
