



JBE-003-1081002

Seat No. _____

M. Sc. (I.T) (Sem. I) (CBCS) Examination

December - 2019

CS - 02 : Advanced web development in laravel

Faculty Code : 003

Subject Code : 1081002

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

[Total Marks : 70

Instructions : Write answers of all the questions in main answer sheet.

- 1 (a) Attempt the following objective questions : 4
- (1) Use of scope resolution operator.
 - (2) Use of static keyword.
 - (3) Bootstrap is _____ framework.
 - (4) What is responsive design?
- (b) Attempt any **one** of the following : 2
- (1) What is constructor?
 - (2) Explain object cloning.
- (c) Attempt any **one** of the following : 3
- (1) Write a note on type hinting.
 - (2) Explain progress bar.
- (d) Attempt any **one** of the following : 5
- (1) Write a note on magic methods.
 - (2) What is visibility? Explain it.

- 2 (a) Attempt the following objective questions : 4
- (1) What is laravel?
 - (2) Which command is used to run laravel project?
 - (3) Work of controller in MVC.
 - (4) What is artisan?
- (b) Attempt any **one** of the following : 2
- (1) List out basic requirement for laravel.
 - (2) Explain features of laravel.
- (c) Attempt any **one** of the following : 3
- (1) Explain structure of laravel application.
 - (2) What is composer? Explain how does composer work?
- (d) Attempt any **one** of the following : 5
- (1) Write a note on MVC architecture in laravel.
 - (2) What is configuration? Explain environment configuration and maintenance mode.
- 3 (a) Attempt the following objective questions : 4
- (1) What is migration?
 - (2) What is routing?
 - (3) Route parameters are always enclosed with
 - (4) _____ is name of the command-line interface in laravel.
- (b) Attempt any **one** of the following : 2
- (1) Explain route filters.
 - (2) Explain database seeding.

- (c) Attempt any **one** of the following : **3**
- (1) Explain Named routes and routing controllers.
 - (2) Explain route groups.
- (d) Attempt any **one** of the following : **5**
- (1) Explain sub-domain routing and route prefixing.
 - (2) Write a note on migration structure.
- 4 (a) Attempt the following objective questions : **4**
- (1) What is inheritance?
 - (2) What is loop?
 - (3) _____keyword is used for extending a layout.
 - (4) What is blade template?
- (b) Attempt any **one** of the following : **2**
- (1) Explain Display variables template.
 - (2) Explain SQL interaction.
- (c) Attempt any **one** of the following : **3**
- (1) List out all blade template of laravel and explain briefly.
 - (2) Explain blade conditional statements with example.
- (d) Attempt any **one** of the following : **5**
- (1) Write a note on Master layout.
 - (2) Write a note on blade loops.

- 5 (a) Attempt the following objective questions : 4
- (1) What is validation?
 - (2) Give full form ORM.
 - (3) By default timestamps store _____ format of date.
 - (4) Use of Alpha Dash.
- (b) Attempt any **one** of the following : 2
- (1) Explain primary key.
 - (2) Explain timestamps.
- (c) Attempt any **one** of the following : 3
- (1) Explain any two validations in laravel.
 - (2) Explain the concept of validation errors.
- (d) Attempt any **one** of the following : 5
- (1) Explain Eloquent ORM model.
 - (2) Write a note on error messages and custom errors.
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