

GYANMANJARI INNOVATIVE UNIVERSITY

GYANMANJARI INSTITUTE OF TECHNOLOGY

B.Tech.-Mid Semester Examination (MSE)-2026

Enrollment No.: _____

Subject Code: BETCE16329

Date: 27/03/2026

Subject Name: Web Development Framework

Semester: 06

Time: 2:30 PM to 04:30PM

Total Marks: 60

Instructions:

1. Question No. 1 is compulsory.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

	Marks
Q.1 (a) Explain MVC Architecture in Laravel.	05
(b) Explain Laravel Directory Structure. Describe the purpose of app, routes, resources, and database folders.	05
(c) Explain Laravel Framework in detail. Discuss its features and advantages. Also explain how routing works in Laravel with suitable example program.	10
Q.2 (a) Explain Middleware in Laravel. How can we create and register custom middleware?	05
(b) Explain Authentication in Laravel using Breeze. Write installation steps.	05
OR	
(b) Explain how data is passed between Controller and View. Write example using compact() and with().	05
(c) Explain Controllers in Laravel. Write program to:	10
<ul style="list-style-type: none">• Create StudentController• Create function to send student data to view• Display data using Blade.	
OR	
(c) Explain Blade Templates in detail. Write program to implement:	10
<ul style="list-style-type: none">• Layout file• @section• @include	
Q.3 (a) Explain Migration in Laravel. Write command to create migration.	05

- (b) Explain Eloquent ORM. Write difference between Eloquent ORM and Query Builder. 05
- (c) Explain Database Relationships in Laravel. Write program to demonstrate: 10
- One-to-One relationship
 - One-to-Many relationship
 - Many-to-Many relationship

OR

- Q.3 (a) Explain Database Configuration in Laravel. How .env file is used to connect database? 05
- (b) Explain Soft Deletes and Timestamps in Laravel. 05
- (c) Explain Eloquent ORM in detail. Write a program to perform CRUD operations using Eloquent methods. 10

...Best of Luck...