

Course Code	: 2101CS511	Date	: 21-05-2024
Course Name	: ASP.NET Core	Duration	: 150 Minutes
		Total Marks	: 70

Instructions:

1. Attempt all the questions.
2. Figures to the right indicates maximum marks.
3. Make suitable assumptions wherever necessary.

Q.1 (A) Define: ReadLine(), Read() & ReadKey() with an example. **4**

(B) What is Exception? Explain Exception Handling with an example. **3**

OR

Explain below Collection classes with an example.

- 1) Stack
- 2) Queue

(C) Explain Different Types of Operators with example. **7**

OR

Explain Different Types of Constructors with example.

Q.2 (A) What is Model? Explain Models with an example. **4**

(B) Explain Controller with an example. **3**

OR

Explain Types of Actions in ASP.NET Core.

(C) Write a short note on Passing Data in ASP.NET Core. **7**

OR

Write a shot note on MVC Architecture & Advantages of it.

Q.3 (A) Compare: _ViewStart.cshtml & _ViewImports.cshtml **4**

(B) Write a short note on _Layout.cshtml. **3**

OR

Write a short note on Partial Views.

(C) Demonstrate Standard HTML Tag Helpers. **7**

OR

Demonstrate Strongly Typed HTML Tag Helpers.

Q.4 (A) What is Validation? Demonstrate Range, Compare & StringLength Data Annotations with Model example. **4**

(B) Demonstrate Server Side Validation with an example. **3**

OR

Demonstrate Advantages of Server Side Validation over Client Side Validation.

(C) What is Area in ASP.NET Core? Demonstrate Routing in Areas with example. **7**

OR

Demonstrate IFormCollection & BindAttribute with an Example.

Q.5 (A) Demonstrate a short note on Session. **4**

(B) Demonstrate Connection String in ASP.NET Core. **3**

OR

Demonstrate Properties of Command Object in ASP.NET Core.

(C) Prepare a Code to Display Records with all below mentioned columns. **7**
StudentID, EnrollmentNo, StudentName, PhoneNo, TotalFees
Student (StudentID, EnrollmentNo, StudentName, PhoneNo, TotalFees)
[Controller Action Method & View Page Design]

OR

Prepare a Code that Inserts a Record into Employee Table

Employee (EmpID, EmpCode, EmpName, ContactNo, Gender)

[Controller Action Method, View Page Design & Stored Procedure]
