

Course Code : 2101CS511**Date** : 24-10-2024**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) Write Logical & Relational Operators with example. **4****(B)** Explain Data Types & Variables in C# with example. **3****OR**

What is Constructor? Explain Default & Copy Constructor.

(C) Explain Multilevel Inheritance & Hierarchical Inheritance with example. **7****OR**

What is Exception Handling? Explain try..catch..finally with multiple catch blocks example.

Q.2 (A) Write a note on Action & Non-Action Methods with example. **4****(B)** Write a note on Action Verbs with example. **3****OR**

Write a short note on ViewData & TempData.

(C) Write a note on MVC Architecture. **7****OR**

Write a note on ASP.NET Core Life Cycle.

Q.3 (A) Compare View & Partial Views. **4****(B)** Demonstrate Strongly Typed HTML Tag Helpers. **3****OR**

Demonstrate Anchor Tag Helpers.

(C) Explain Attribute Routing. **7****OR**

Explain Different Type of Razor Files in ASP.NET Core.

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| Q.4 | (A) | Explain Bind Attribute in detail. | 4 |
| | (B) | Write a short note on Areas. | 3 |

OR

Write a short note on Model Binding.

- (C)** Demonstrate Data Annotations with example. **7**

OR

Demonstrate IFormCollection object in detail.

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| Q.5 | (A) | Explain SqlCommand & SqlConnection Class. | 4 |
| | (B) | Explain ExecuteScalar(), ExecuteNonQuery() & ExecuteReader() Methods. | 3 |

OR

Explain Cookies in brief.

- (C)** Prepare a Code for retrieving & deleting the Person (PersonID, PName, PCode, City, Age, Gender) table data from Database. **7**

OR

Prepare a Code for inserting & updating the Person (PersonID, PName, PCode, City, Age, Gender) table data to Database.
