APRIL 2026 **53802/341C5B/325C6A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions each in 30 words.

1. What is the purpose of looping statements in C#?

2. Mention two string operations in C#.

3. Define the term "event" in ASP.NET controls.

4. What is the difference between standard and rich controls?

5. What is the use of the FileShare enumeration?

6. Mention any two file stream classes used in ASP.NET.

7. Define Command object in ADO.NET.

8. What is the use of DataSet?

9. What is sorting in data controls?

10. State any two security features of ASP.NET.

11. Define XmlTextReader.

12. Mention one use of Repeater control.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions each in 200 words.

13. Write a short note on conditional and looping statements with examples.

14. Explain how ASP.NET Web Forms differ from traditional web pages.

15. Discuss file read/write operations using StreamReader and StreamWriter.

16. How can data be retrieved using a SqlCommand and displayed in a label?

17. Explain how sorting and paging are implemented in a DataList.

18. Discuss the difference between declarative and programmatic security in ASP.NET.

19. Write short notes on reading XML content using XmlReader.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions each in 500 words.

20. Describe C# operators and write a program to demonstrate arithmetic and logical operations.

21. Create a complete registration Web Form using standard and validation controls.

22. Write a program to upload and save a file, with exception handling and security checks.

23. Build a mini student database app using DataAdapter and DataSet in ADO.NET.

24. Develop an XML-based configuration module for a shopping cart and explain the parsing logic.

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