

April 2025

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (a) or (b) in Part-B. Each question carries 14 marks.]

PART - A

1. Write the syntax to access a method of class with example.
2. Define metadata.
3. List any three common controls in toolbox.
4. Define MDI parent and MDI child.
5. Define ADO.
6. Compare the performance of data reader and dataset.
7. List out any three server controls with example.
8. Define web API.
9. Define attribute in XML.
10. List the building blocks of schema.

[Turn over.....]

PART - B

11. (a) Describe .NET framework architecture with a neat diagram.
(Or)
(b) Explain the various types of operators in C#.NET.
12. (a) Illustrate the steps to create windows forms with an example.
(Or)
(b) Describe the steps to create a menu and a context menu in C#.NET with examples.
13. (a) Describe the various objects in .NET data provider.
(Or)
(b) Explain the steps to create a stored procedure.
14. (a) Discuss the HTML controls in ASP.NET with example.
(Or)
(b) Write in detail about the ASP.NET page life cycle.
15. (a) (i) Differentiate HTML and XML.
(ii) Write about elements and entities in XML.
(Or)
(b) Describe about SOAP fundamentals and SOAP building blocks with an example.
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