802

October 2023

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.   What is the use of code editor window in visual studio?

2.   Write the syntax to access a method of a class with example.

3.   What is the use of windows forms?

4.   What is a Tooltip? How will you create a tool tip for a button by coding?

5.   Define data adapter.

6.   Compare the performance of Data Reader and Dataset.

7.   What are the features of web API?

8.   List any three validation controls. List its features.

9.   Define entity. What are the types of entity?

10.   What is the use of SOAP fault element?

[Turn over.....

PART – B

11. (a) (i) Explain the architecture of .NET framework. (7)
    (ii) Explain CLR. (7)

    (Or)

    (b) List and explain the various types of operators in C#.NET.

12. (a) (i) Explain about windows forms. List its features. (7)
    (ii) Explain the steps to create a context menu with example. (7)

    (Or)

    (b) Explain the uses of Show () and Show Dialog () with example.

13. (a) Explain the ADO .NET architecture.

    (Or)

    (b) What is stored procedure? Write the steps to create a stored procedure.

14. (a) Explain about validation server control in ASP .net.

    (Or)

    (b) What is the life cycle of an ASP.NET web form? Explain the stages.

15. (a) (i) Define XML. Explain how you will use SOAP with .NET framework. (7)
    (ii) What is serialization? Explain XML serialization architecture. (7)

    (Or)

    (b) Explain about SOAP fundamentals and SOAP building blocks with an example.