455

October 2017

Time – Three hours
(Maximum Marks: 75)

[N.B: (1) Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory. Answer any FOUR questions from the remaining in each PART - A and PART – B.

(2) Answer division (a) or division (b) of each question in PART-C.

(3) Each question carries 2 marks in PART – A, 3 marks in Part – B and 10 marks in PART – C.]

PART – A

1. Define MSIL.

2. Define name space.

3. List any five data types in C#.

4. What is the use of a text box?

5. Define event procedure.

6. What is meant by data set?

7. What is meant by adapter?

8. What is the function of DTD?

PART – B

9. Write any five features of .NET framework.

10. What is meant by meta data?

11. Define value data types and reference data types.

12. What is the use of NOT operator?

13. Write the advantages of controls and events.

14. What is meant by multiple document interface?

15. Write any five features of ADO.NET.

16. What is meant by building blocks?

[Turn over...

PART – C

17. (a) Explain in detail about the .NET web services with neat diagram. Write its advantages.

(Or)

(b) Explain in detail about the architecture of .NET framework.

18. (a) Explain multidimensional array and jagged array with an example.

(Or)

(b) Write a program in C# for adding n-natural number using class and object.

19. (a) Explain in detail about the windows programming with an example.

(Or)

(b) Explain in detail about advance controls and event with an example.

20. (a) Explain in detail about the architecture of ADO.NET.

(Or)

(b) Explain in detail about data set and data reader in ADO.NET with an example.

21. (a) Explain in detail about XML serialization with its architecture diagram.

(Or)

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

– – – – –