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Register No.: _____

April 2019

<u>Time – Three hours</u>
(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. What is meant by managed code?

2. Define CLR.

3. Define Jagged Array.

4. Define checkBox.

5. List any four mouse related events.

6. What is meant by data adapter?

7. Write the difference between data reader and data set.

8. What is processing instruction?

PART – B

9. Write the advantages of automatic memory management.

10. Define Windows forms with an example.

11. Differentiate between show( ) and showdialog( ).

12. What is meant by .net data providers?

13. What are the three important objects in the dataset?

14. Differentiate between XML and HTML.

15. What is meant by serialization?

16. Explain any three operators.

[Turn over.....

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PART – C

17. (a) Explain in detail about the architecture of .net frame work.

    (Or)

    (b) Explain in detail about ASP .net.

18. (a) Explain single dimensional array and dynamic array with an example.

    (Or)

    (b) Write an program in VB.net for adding 'n' natural numbers using class and object.

19. (a) Explain in detail about any five tool box control in VB.net.

    (Or)

    (b) Explain menu bar and dialog box.

20. (a) Write all the steps to create a stored procedure with an example program.

    (Or)

    (b) Explain in detail about the architecture of ADO.net.

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

    (Or)

    (b) Explain about SOAP fundamentals and SOAP building blocks.

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