SUBJECT CODE 19UCT621

REG.NO:

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : JULY – 2022

B.Sc. – COMPUTER TECHNOLOGY   **MAXIMUM MARKS: 75**

VI SEMESTER   **TIME : 3 HOURS**

PART – III

FRAMEWORK TECHNOLOGY

SECTION – A   (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS:
MULTIPLE CHOICE QUESTIONS: **(K1)**

1.   IDE stands for _____

   a)   Internet Development Environment   c)   Integrated Development Environment

   b)   Integrated Dual Environment   d)   Integrated Desktop Environment

2.   _____ allows direct exit from a for loop, Do loop and sub procedure.

   a)   Exit   b)   Exit for

   c)   Exit sub   d)   Exit for, do, sub

3.   _____ combines the features of the text box and list box.

   a)   Picture box   b) Check box   c) Option button   d) Combo box

4.   _____ control displays information from an existing database.

   a)   Grid   b)   Data   c)   Data source   d) Array

5.   The expansion HTTP is _____

   a)   Hyper Text Text Protocol   b)   High Text Transmission Protocol

   c)   Hyper Text Transfer Protocol   d)   High Transmission Text Protocol

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES: **(K2)**

6.   What is an object ?

7.   Define a Module.

8.   What is an array?

9.   What is ADO.NET ?

10.   What is a web form?

SECTION – B   (5 x 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a)   Describe the Menu bar in VB.NET.

(OR)

b)   Sketch the Decision making in VB.NET.

12. a)   Describe the logical operators in VB.NET.

(OR)

b)   Compare pass by value versus pass by reference.

13. a)   Describe about passing arrays to the procedures.

(OR)

b)   Sketch the List boxes and Checked List boxes in VB.NET.

14. a)   Write short notes on relational database model.

(OR)

b)   Examine the ADO.NET object model.

15. a)   Describe about web controls in ASP.NET

(OR)

b)   Show how the session tracking used in ASP.NET

SECTION - C   (4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS: (K4 / K5)

(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS:

16. Discuss about Labels, Text boxes and buttons in VB.NET.

17. Write a VB.NET program to get an Input string and display it using a message box.

18. Discuss about Looping statements in VB.NET with example.

19. Explain the Check box, radio buttons and picture boxes in VB.NET with example.

20. How extraction and modification of data in the backend database can be performed using ADO.NET ?
    Explain with example.

21. Discuss about ASP.NET system architecture in detail.

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