(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2020 ONLY)

20 UIT 414

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : JULY 2022

B.Sc.IT   **MAXIMUM MARKS: 70**

IV SEMESTER   **TIME : 3 HOURS**

PART - III

VISUAL PROGRAMMING

SECTION - A   **(10 X 1 = 10 MARKS)**

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.   **(K1)**

1. The_____data types do not contain the actual data stored in a variable, but they contain a reference to the variables.

   a) Value   b) Reference   c) Pointer   d) None

2. _____ class cannot be inherited.

   a) Abstract   b) Static   c) Sealed   d) Super base

3. The access modifier for the members of Interface is by default _____.

   a) Public   b) Private   c) Protected   d) None

4. Stream Writer class contains _____method.

   a) peek()   b) seek()   c) ReadLine()   d) WriteLine()

5. _____ is a software program which uses Internet protocols to interact with other objects.

   a) Web Control   b) User Control   c) Validation Control   d) Web Service

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

6. What is Jagged array?

7. Define Abstract class.

8. Name the different blocks used in Exception handling.

9. Define the term Dataset.

10. What is the use of Range Validator?

SECTION – B (5 X 4 = 20 MARKS)

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

11. a) Illustrate the concept overloading methods.

(OR)

 b) Demonstrate Do..while loop with example.

12. a) How to define a class and its members?

(OR)

 b) Experiment the operator overloading concept for any one binary operator.

13. a) Explain the usage of Interface with example code.

(OR)

 b) Examine the concept Delegate.

14. a) List out any four methods of text file and explain.

(OR)

 b) Write down the steps for database connectivity.

15. a) Describe any two user controls and list any two properties of each control

(OR)

 b) How to create a Web service? Explain.

SECTION - C (4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS

(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS

(FROM Qn. No : 17 to 21) (K4 (Or) K5)

16. Analyze various kinds of Inheritance.

17. With an example, explain one dimensional array and multidimensional array.

18. What is mean by Constructor? Explain the copy constructor with example code.

19. Justify the concept Exception handling with example code.

20. Explain the various operations of the binary data file.

21. Discuss the basic web controls and its properties.

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