# USCST08 - Computer science Paper-II : Visual Basic & Introduction to .NET

P. Pages : 1            ‖‖‖‖‖‖‖‖‖            **GUG/W/22/12003**

Time : Three Hours         * 0 6 8 6 *         Max. Marks : 50

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Notes :   1.    All questions are compulsory and carry equal marks.

         Either :

| | | | |
|---|---|---|---|
| **1.** | a) | What is mean by event driven programming? Describe the components of Visual Basic IDE. | **5** |
| | b) | Define the following <br> i)   Variable            ii)   Constant | **5** |

                                        **OR**

| | | | |
|---|---|---|---|
| | c) | Explain the for-next statement with syntax and example. | **5** |
| | d) | Write a program in VB to find out area of circle for radius 10. | **5** |

         Either :

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|---|---|---|---|
| **2.** | a) | Explain the command button and label control with example. | **5** |
| | b) | Define procedure? Explain the types of procedure. | **5** |

                                        **OR**

| | | | |
|---|---|---|---|
| | c) | Explain the status bar and DTPicker ActiveX control. | **5** |
| | d) | Write a program in VB to calculate simple interest for a principal amount Rs. 6000, for a period of 4 years and at the rate of interest 6%. | **5** |

         Either :

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|---|---|---|---|
| **3.** | a) | Define the SDI & MDI? Explain in details. | **5** |
| | b) | Explain for-each loop with suitable example. | **5** |

                                        **OR**

| | | | |
|---|---|---|---|
| | c) | Explain the data control with suitable example. | **5** |
| | d) | Explain the use of ADO object in VB. | **5** |

         Either :

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|---|---|---|---|
| **4.** | a) | Explain the common languages implementation in .NET. | **5** |
| | b) | Explain Window form integration in visual studio .NET. | **5** |

                                        **OR**

| | | | |
|---|---|---|---|
| | c) | Explain the CLR and CLS in detail. | **5** |
| | d) | Explain the namespaces and assemblies in .NET. | **5** |

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|---|---|---|---|
| **5.** | a) | Discuss about datatype in VB. | **2½** |
| | b) | 'Write a short note on- ListBox and ComboBox. | **2½** |
| | c) | Explain the array in VB. | **2½** |
| | d) | Explain the garbage collection. | **2½** |

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