



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Programme 5th Semester Examination, 2021

**SEC2-P1-COMPUTER SCIENCE**

**VISUAL BASIC PROGRAMMING**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**GROUP-A**

**Answer any five questions**

1×5 = 5

1. Expand GUI.
2. What is Compiling?
3. What is a bug?
4. Name two Controls.
5. What is data type?
6. What is Variable?
7. What is Val?
8. Name two operators in VB.

**GROUP-B**

**Answer any three questions**

5×3 = 15

9. Explain different types of variables used in visual basic.
10. How do you use arrays in VB? Explain with the help of an example.
11. Discuss procedural, object-oriented and event driven programming.

12. Discuss scope of variables in Visual Basic.
13. Write down the different steps to create a Visual Basic application and also write down the steps to compile and execute.

**GROUP-C**

**Answer any *two* questions**

10×2 = 20

14. Explain the use of different types of controls used in Visual Basic by giving examples.
15. Write a program in VB to design a scientific calculator.
16. Explain different operators used in visual basic.
17. Write short notes on the following:
  - (a) Significance of frames in VB.
  - (b) Formatting Data in VB.

—×—