2021
B.A./B.Sc.
Fifth Semester
Discipline Specific Elective – 2
COMPUTER SCIENCE
Course Code: CSD 5.21
(Programming in Visual Basic)

Total Mark: 70   *Pass Mark: 28*
Time: 3 hours

Answer <u>five</u> *questions, taking* <u>one</u> *from each unit.*

UNIT–I

1. (a) Explain IDE in VB.   8
    (b) Explain any four of the common form properties.   4
    (c) How do you add items to ComboBox?   2
2. (a) Differentiate between label and text box.   4
    (b) Write a program to check whether a given number is palindrome or
        not.   6
    (c) Explain Menu creation in VB.   4

UNIT–II

3. (a) What is variable? Explain different data types in Visual Basic.   4
    (b) Discuss the different types of indeterminate loops in detail.   6
    (c) Write a Visual Basic program which will generate numbers from
         1 to 20.   4
4. (a) Explain all data types in VB.   6
    (b) What is Select Case? Explain with example.   4
    (c) Write a VB program to process the grades of a student along with
         the form design.   4

UNIT–III

5. (a) What is common dialog box?   2
    (b) Explain any four string functions with examples.   8
    (c) What is the difference between MsgBox( ) and InputBox( )?   4
6. (a) Write different conversion functions in Visual Basic.   6

(b) Discuss string handling inbuilt functions: insert, mid, left, right with suitable examples. 8

UNIT–IV

7. (a) What is DAO? 2
   (b) What is Data Control? Write the steps for creating a data control. 8
   (c) Explain the terms RDO and JET database engine. 4
8. (a) Develop a VB program to display records from database using ADODC control. 8
   (b) Write the steps for Adding & Deleting Records with the ADO Data Control. 6

UNIT–V

9. (a) What is crystal report? 2
   (b) Write proper steps required for preparing crystal reports in Visual Basic. 8
   (c) What is a data source? Can we create report using more than one database? 4
10. (a) What is data report and why do we need data report? 4
    (b) Write the steps for creating data reports in VB. 8
    (c) Can we use our own SQL for creating a report? 2

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