

TDC Odd Semester Exam., 2020
held in July, 2021

COMPUTER APPLICATION
(Honours)

(3rd Semester)

Course No. : BCAC-302

(Visual Basic)

Full Marks : 35

Pass Marks : 12

Time : 2 hours

The figures in the margin indicate full marks
for the questions

Answer **five** questions, taking **one** from each Unit

UNIT—I

- 1. What do you mean by integrated development environment? Discuss the integrated development environment in VB. 7
- 2. (a) Explain event-driven programming with example. 3

- (b) Write a VB code to display the date and time in a user specified format (dd/mm/yyyy) by using appropriate command button. 4

UNIT—II

- 3. (a) What is implicit and explicit declaration of variable in VB? 2
- (b) Write a VB program to find the product of two matrices. 5
- 4. Discuss the different control structures in VB. 7

UNIT—III

- 5. (a) Write a line drawing application in VB to print HELLO! 4
- (b) What are scroll bar and slider controls? 3
- 6. Write short notes on the following :

$1\frac{1}{2}+1\frac{1}{2}+1\frac{1}{2}+1\frac{1}{2}+1=7$

- (a) List box
- (b) Combo box
- (c) Text box
- (d) Label
- (e) Text area

UNIT—IV

7. What is OLE in VB? Discuss how OLE container control allows creating and embedding objects in VB. 7
8. (a) Write down the different steps to create an MPI application. 4
- (b) What are container application and source application? 3

UNIT—V

9. What is DAO in VB? Explain the DAO hierarchy in VB with a neat diagram. 2+5=7
10. Write detailed notes on the following : 3+2+2=7
- (a) SQL
- (b) Primary key
- (c) Foreign key
