

**B.C.A. 5<sup>th</sup> Semester Examination,**

**February-2022**

**VISUAL BASIC**

**(BCA-304)**

*Time allowed : 3 hours*

*[Maximum marks : 80]*

*Before answering the question in all, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note:** *Attempt five questions in all by selecting one question from each unit. Question No. - 1 is compulsory. All questions carry equal marks.*

1. (i) What is the use of immediate window in VB ?
- (ii) Differentiate Visual and Non-Visual Programming Language.
- (iii) What do you mean by variable ?

- (iv) How do you declare constant in VB ?
- (v) What is array of array ?
- (vi) When should you use the select case statement ?
- (vii) What is the difference between load and show method ? <https://www.mdustudy.com>
- (viii) What do you mean by sub menu ?

#### Unit - I

2. (i) What is Visual Basic ? Why it is called event driven programming language ? Explain.
- (ii) Explain the Object oriented concept in VB with example.
3. What do you understand by visual program design ? Enumerate the elements in the VB environment.

#### Unit - II

4. What is data type ? Describe the different user defined data type supported by VB.
5. Explain various controls in VB with example.

## Unit - III

6. Explain various Looping statements with example.
7. (i) What is an array ? Explain its type. How to declare and use the array ?
- (ii) Differentiate between array and collection.

## Unit - IV

8. (i) What do you mean by form ? How to add multiple form in VB ? Explain with example.
- (ii) What is Popup menu ? How to create Popup Menu? Explain.
9. (i) What do you mean by passing arguments by value and passing arguments by reference ? Explain.
- (ii) How procedure and function are called in VB ? Explain with example.