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**B.C.A. 5th Semester (New)
Examination- November, 2016**

Visual Basic

Paper-BCA-304

Time : 3 hours

Max. Marks : 80

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

Note : Attempt five questions in all, selecting one question from each unit. Q.No. 1 is compulsory. All questions carry equal marks.

1. (a) What is the difference between procedural and object-oriented programming language?
- (b) What is project explorer ?
- (c) What do you mean by scope and lifetime of a variable ?
- (d) What is constant ?
- (e) What is array of array ?
- (f) What is collection ?
- (g) How to activate and deactivate events ?
- (h) What do you mean by sub-menu ?

Unit-I

2. (a) Briefly explain the concept of object-oriented programming language.
- (b) What do you mean by event driven programming language?
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3. What do you understand by visual program design ? Enumerate the elements in the VB environment and explain the purpose of each.

Unit-II

4. (a) What do you mean by variable? Explain the different types of variable used in VB. <http://www.haryanapapers.com>
- (b) Explain Relational and Logical operator in VB with example.
5. (a) What is data type? Describe the different data types supported by VB.
- (b) Explain the following with reference to VB with example
Message Box, Input Box, Text Box, Dialog Box.

Unit-III

6. What is an array ? Explain its types. How to declare and use the array ? Also differentiate between array and collection.
7. Explain Looping and Decision statement with example.

Unit-IV

8. What is the purpose of functions, procedure and sub-routine in VB ? What do you mean by passing arguments by value and passing arguments by reference ?
9. (a) What do you mean by form? How to add multiple form in VB ? Explain with example.
(b) What is Popup menu ? How to create Popup Menu ? Explain.

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