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BC-501

Visual Basic

## BCA 5th Sem. (Session-2015-18)

Time : 3 Hrs

Full Marks : 80

*Candidates are required to give their answers in their own words as far as practicable.*

*The questions are of equal value.*

*Answer any five questions.*

1. What are the differences between Pull-Down and Pop-up Menus? What are the advantages of ADO Data control?

2. How do you create a Data project? Create a simple animation using Graphic Control.

3. What do you understand by Mouse event? Explain how you will position a control learning mouse event.

4. Explain all looping statements in VB with suitable examples.

5. What is common Dialogue Control? Explain all methods and properties with examples.

6. Write a programme to generate the Fibonacci Series.

7. What is General procedure? Explain with an example.

8. Write a VB Programme to develop a simple calculator using control Array.

9. Explain Object Oriented Analysis and Object Oriented Database.

10. Write short notes on:

- (a) Common Dialogue Control
- (b) Sequential file Access in VB

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*Answer any five questions.*

1. What is Java? Write down the features and application of Java.
2. What are Looping Control Statements? Discuss the different types of loop with suitable example.
3. What is Method overloading? Write a Java program to calculate Perimeter of circle, square and rectangle using Method overloading.
4. What is Internet? Explain how internet works also explain its services.
5. Define an Array. Discuss its type. Write a Java Program to enter ten number in an array print the number in Sorted order.
6. What is method overriding? Write a Java program to demonstrate the concept of method overriding.

7. What is an Applet? Distinguish between Local and Remote applet. Discuss the Life cycle of an Applet.
8. What is protocols? Explain the different types of protocol used in Internet.
9. What is constructor? Discuss different types of constructors with suitable examples.
10. Explain Interface in Java. Write a Java Program to show the concept of interface.

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1. Define Research. Explain its importance in Management.
2. What is research problem? How a problem is selected?
3. Explain the basic research process.
4. Explain about exploratory Research Design.
5. Describe about Schedule Method of Data Collection.
6. What is survey? How does it differ from field studies?
7. What do you mean by sample? Explain about different probability sampling.
8. What is Editing? Discuss in details about field and central editing.
9. Define Report. What are the characteristics of good report?

10. Write short notes on any two of the following:

- (a) Objectives of Research
- (b) Types of Research
- (c) Characteristics of a good sample
- (d) Observation method of Data Collection

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