(2013-16)

BCA (Voc.) V Sem.

Visual Basic (BC-501)

2015

Time : 3 hours

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 is an Array? How are arrays declared and handled in VB 6.0?

2. What is form? Explain different events which are associated with forms.

3. What are decision statements? Explain the different types of decision statements used in VB 6.0.

4. What is properties window? Explain it with diagram and also define Default Layout.

5. What is function? What are inbuilt functions? Explain them.

GD16–616   (2)   (Turn over)

6. What is Visual Basic? Describe various features and advantages of Visual Basic.

7. Design a form contains specific title such that when click on command 1 the colour of the font will change and we will click on command 2 the size of the font will be changed.

8. Design the form with two shapes, red and blue, write code to replace the color every between two shapes.

9. Write a program to enter two number and computer multiplication and division operations using check box with displaying the phrase (Illegal decision operation), when the denominator is zero.

10. Write a program, do print (hellow) five times with its numbering using do while loop.

BCA (Voc.) V Sem.
Internet and Java Programming (BC-502)

2015

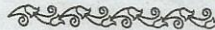*Time : 3 hours*

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 is Internet Protocols? Discuss the various Internet Protocols. Which is commonly used in Internet.

2. What is Internet? Explain how electronic mail works. Also explain the application of Internet.

3. What is Java? Distinguish between C++ programming language and Java programming language.

4. What is Constructor? Discuss the types of constructors. Write a Java program to demonstrate the concept of paramaterial constructor.

GD16–617

5. What is Inheritance? Discuss the types of inheritance. Write a Java program to demonstrate multilevel Inheritance.

6. What is Interface? Write a Java program to demonstrate multilevel Inheritance.

7. What is Multithreading? Write a Java program for creating demonstration of threads by extending the thread class.

8. Discuss the life cycle of a thread in details.

9. Explain the life cycle of an Applet. Write an applet code to display a message "Welcome to java Programming".

10. Write an applet code to demonstrate the use of various methods of graphics class.

BCA (Voc.) V Sem.

Research Methodology (BC-503)

2015

Time : 3 hours

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 is research? Explain its significant in management.

2. Define the research problem. How the problem of research is selected by a researcher?

3. What type of design is adopted by a researcher when he has to conduct a research regarding a new product?

4. Describe about factorial research design.

5. Explain the advantages and disadvantages of secondary data.

6. Discuss the merits and limitations of observation method of data collection.

7. What is Editing? Explain its processes.

8. How research report is presented?

9. In order to make the sample representative of the population, which techniques are adopted by the researcher?

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

   a) Importance of research

   b) Research objectives

   c) Primary data

   d) Characteristics of a good report