BC-501

Visual Basic

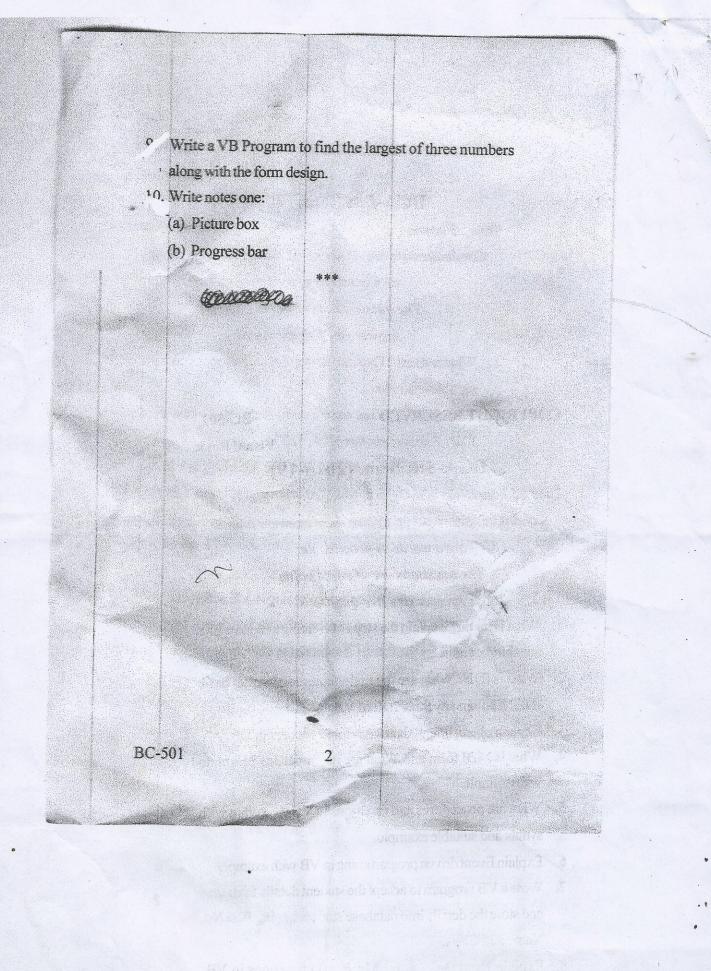# BCA-5th Sem. (2016-19)

Time : 3 hours

Full Marks : 80

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

The questions are of equal value.

Answer any five questions.

1. What is menu? Explain the steps of creating a menu with a suitable example.

2. What is IDE? What are the main features of visual basic IDE? Explain any three IDE of VB.

3. Explain object oriented programming concept in VB.

4. What is MDI form and What are its properties ? Explain with example.

5. What are procedures and functions in VB ? Explain with syntax and suitable example.

6. Explain Event driven programming in VB with example.

7. Write a VB program to accept the student details from user and store the details into database student having Roll No, Name and Class.

8. Explain Input Box () and MsgBox () functions in VB. Differentiate between List Box and combo Box in details.

9. Write a VB Program to find the largest of three numbers along with the form design.

10. Write notes one:

   (a) Picture box

   (b) Progress bar

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BC-502

Int. & Java Prog.

BCA-5th Sem. (2016-19)

Time : 3 hours   *Full Marks : 80*

Candidates are required to give their answers in their

own words as practicable.

The questions are of equal value.

Answer any five questions.

1. What is Java? Discuss the features and application of Java.

2. Explain TCP/IP reference model in details. How does TCP/IP works ?

3. Write notes on any two:

   (a) Abstract Class

   (b) Interface

   (c) Life Cycle of Thread

   (d) Package

4. Write an applet code to display your name, address and educational qualification.

5. What is the use of final keyword in Java? Explain by giving examples.

6. What is Internet? Explain how Internet works? Also explain its services.

BC-503

Res. Methodology

BCA-5th Sem. (2016-19)

Time : 3 hours   *Full Marks : 80*

Candidates are required to give their answers in their

own words as practicable.

The questions are of equal value.

Answer any five questions.

1. Define Research. Explain about the significance of research.

2. Explain about the different steps involved in research.

3. Discuss about the different sources of secondary data.

4. What do you mean by Tabulation? Explain about the simple and Cross tabulation with suitable examples.

5. Explain about the Schedule method of data collection.

6. How research findings are protected? Explain.

7. Explain about the Descriptive Research Design.

8. Explain about the different steps involved in selection of a problem.

9. What are the different types of Research Report? Explain.

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

    (a) Fundamental and Applied Research

    (b) Objectives of Research

(c) Importance of Research for Government

(d) Survey Research

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