PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCA DEGREE EXAMINATION MAY 2024
(Fourth Semester)

Branch – **COMPUTER APPLICATION**

DISTRIBUTED TECHNOLOGIES

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1) The main function of _____ is to convert the managed code into native code and then execute the code.
   a) CLR   b) CTS   c) CLS   d) FCL

2) What is the extension of the ASP.NET page?
   a) .asp   b) .aspx   c) .asx   d) .apx

3) What namespace is used for ASP.NET Web Form by default?
   a) System.Web.Form   b) System.Web.UI.Page
   c) System.Web.GUI.Page   d) System.Web.UI.Form

4) Which of the following property of Array class in VB.NET gets a 32-bit integer, the total number of elements in all the dimensions of the Array?
   a) Rank   b) LongLength   c) Length   d) Matrix

5) Syntax for closing and opening the connection in ADO.net is _____.
   a) sqlConn.Open() and sqlConn.close()   b) sqlConn.open() and sqlConn.Close()
   c) sqlConn.Open() and sqlConn.Close()   d) sqlConn.Close() and sqlConn.Open()

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6) a) Explain the purpose of .NET programming framework.
                          OR
   b) Narrate the declaration of variable in ASP.Net with example.

7) a) Summarize the need of advanced class programming.
                          OR
   b) Describe the understanding of ASP.NET classes with example.

8) a) How to start a Visual Studio .NET project? Give example.
                          OR
   b) Outline the properties of calendar control.

9) a) State the advantages of MsgBox() function in VB.NET.
                          OR
   b) Distinguish between the horizontal scrollbar and vertical scrollbar controls in VB.NET.

10) a) Show the steps to connection to a SQL server database.
                          OR
    b) Highlight the relations between data tables in a dataset.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11) a) Analyze the various types of data types available in ASP.NET with example.

OR

b) Compare and construct functions and subroutines in ASP.NET.

12) a) Discuss the installation of ASP.NET and IIS manager.

OR

b) Examine the uses of Global.asax application file.

13) a) Identify the working without Visual Studio.NET.

OR

b) How to create AdRotator control in ASP.NET? Give example.

14) a) Discover the properties of list box control in VB.NET.

OR

b) Assume the purpose of combo box control in VB.NET.

15) a) Elucidate the steps to connection to an OLE DB data source.

OR

b) Outline the building a dataset to a windows forms data grid.

Z-Z-Z   END