PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MCA DEGREE EXAMINATION MAY 2022
(Second Semester)

Branch – COMPUTER APPLICATIONS

DISTRIBUTED PROGRAMMING

Time : Three Hours   Maximum :50 marks

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

1. System.Single represents as _____.
   a. Float   b. Double
   c. System   d. Int

2. When we define more than one member in a type with the same name we called this

   _____
   a. Overloading   b. Constructors
   c. Structs   d. Static members

3. _____ methods builds a new array containing only those elements in the original array that match whatever criteria you specify.
   a. FindAll   b. Array
   C. Array.Sort   d. AllFind

4. _____ Checks the user's entry against whatever algorithm you provide in a custom method.
   a. CustomerValidator control   b. RangeValidator control
   c. CompareValidator control   d. None of the above

5. The dataset object interacts with the database through a _____.
   a. Data Adapter object   b. data object
   c. Sqldata   d. update data

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

6 a   List out the .NET platform consists of three product groups.
                          OR
   b   Explain about the Whitespace in C#.

7 a   Discuss about the Access Modifiers in C#.
                          OR
   b   Write short notes on Structs in C#.

8 a   Discuss about the For each statement.
                          OR
   b   Discuss about the Event function in C#.

9 a   Illustrate any three properties specific to the textbox control.
                          OR
   b   Write short notes on calendar control.

10 a   Discuss about data list control.
                          OR
   b   Write short notes on stored procedure.

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

11 a   Explain about the .NET framework Architecture in details.

OR

   b   Illustrate the Unconditional and conditional Branching Statements with examples.

12 a   Explain the C# Destructor.

OR

   b   How to Defining and Implementing an Interface in c#?

13 a   Discuss about the Methods and fields for the string class and using string function explain with an example.

OR

   b   Explain the Exception handling operations with an example.

14 a   What are the Several ASP controls available for the user to select a value or values?

OR

   b   Explain about the web site creation and how validation and navigation done.

15 a   List out the important dataset properties and methods.

OR

   b   Create a web application using ASP.NET to maintain Library management system with ADO.NET.

Z-Z-Z   END