

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MCA DEGREE EXAMINATION MAY 2023  
(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 What is the most specified using class declaration in C#?  
(i) type (ii) scope (iii) type & scope (iv) method
- 2 Which of the following string() method are used to compare two strings with each other in C#?  
(i) CopyTo() (ii) Copy() (iii) Compare() (iv) CompareTo()
- 3 Which of the following is the object oriented way to handle run time errors in C#?  
(i) Error codes (ii) HERRESULT (iii) OnError (iv) Exceptions
- 4 What is the extension of the ASP.NET page?  
(i) .asp (ii) .aspx (iii) .asx (iv) .apx
- 5 In a connection string \_\_\_\_\_ represents name of the database.  
(i) Data Source (ii) Initial Catalog  
(iii) Catalog Initial (iv) Database

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a) Identify the purpose of .Net platform.  
OR  
b) Elaborate the declaration and initialization variables in C# with example.
- 7 a) Summaries the basic concepts of inheritance in C#.  
OR  
b) Describe the types of operator overloading in C#.
- 8 a) How will you declare a strings in C#? Give example.  
OR  
b) Outline the syntax and example for rethrowing exceptions.
- 9 a) List out the properties of label control in ASP.NET.  
OR  
b) Narrate the advantages of Ad Rotator control in ASP.NET.
- 10 a) Discuss the steps for grid view controls in ADO.NET.  
OR  
b) Explain the use of data list control in ADO.NET.

Cont...

**SECTION -C (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a) Analyze the different types of operators available in C#.  
OR  
b) Enumerate the processor directives in C# language.
- 12 a) Discuss the create an class and objects in C# programming.  
OR  
b) Explain the implementation of interface in C#.
- 13 a) Identify the for each statement with syntax and example.  
OR  
b) Discover the retrieving values from multicast delegates.
- 14 a) Compare the textbox control and button control in ASP.NET.  
OR  
b) Explain the need of calendar control in ASP.NET.
- 15 a) Elucidate the ADO.NET object model with diagram.  
OR  
b) Detail discussion about the stored procedure in ADO.NET.

Z-Z-Z

END