



23SEBCAP-MA-04-09001

Seat No. _____

BACHELOR OF COMPUTER APPLICATION Examination

BCA Semester - 4 APRIL 2025 (Regular) APRIL - 2025

CS-23: PROGRAMMING WITH C#

Faculty Code : 003

Subject Code : 23SEBCAP-MA-04-09001

Time : 2 Hours]

[Total Marks : 50

- JAM010155782
- Q.1 (A) **Fill in the blanks** 3
1. CLR stands for _____
 2. CTS stands for _____
 3. CLS stands for _____
- Q.1 (B) What is metadata in C# ? 2
- Q.1 (C) Explain Conditional Statements in C#. 5
- OR
- Q.1 (A) **Fill in the blanks** 3
1. BCL stands for _____
 2. FCL stands for _____
 3. MSIL stands for _____
- Q.1 (B) What is JIT in C# ? 2
- Q.1 (C) Explain Types of Projects in C# 5
- Q.2 (A) **Fill in the blanks** 3
1. A _____ method is called automatically when an class object is created
 2. The _____ keyword is used to prevent a class from being inherited
 3. In C#, a class can inherit from only one _____ class
- Q.2 (B) What is HashTable C# ? 2
- Q.2 (C) Explain Constructor Overloading and Method Overloading with example 5
- OR
- Q.2 (A) **Fill in the blanks** 3
1. _____ inheritance allows a class to implement multiple interfaces
 2. The _____ method returns the value of Property
 3. The _____ method assigns the value to Property
- Q.2 (B) What is Encapsulation ? 2
- Q.2 (C) Explain Inheritance in C# with example 5
- Q.3 (A) **Fill in the blanks** 3
1. MDI stands for _____
 2. SDI stands for _____
 3. _____ is basic input control

- Q.3 (B) Explain Panel Control in C# 2
- Q.3 (C) Explain various DialogBoxes in C# 5
- OR
- Q.3 (A) **Fill in the blanks** 3
1. _____ is default method of MessageBox
 2. _____ is default event of timer control
 3. _____ is basic output control
- Q.3 (B) Explain GroupBox Control in C# 2
- Q.3 (C) Explain MenuStrip, ContextMenuStrip and ToolStrip with properties 5
- Q.4 (A) **Fill in the blanks** 3
1. The _____ method is used to open a database connection in ADO.NET
 2. The _____ method is used to close a database connection in ADO.NET
 3. ODBC stands for _____
- Q.4 (B) What is Disconnected Architecture in ADO.NET ? 2
- Q.4 (C) Explain DataGridView using ADO.NET with example 5
- OR
- Q.4 (A) **Fill in the blanks** 3
1. DAO stands for _____
 2. The _____ method is used to execute SQL/OleDb commands
 3. The _____ is an integer value that indicates the number of rows affected by the SQL / OleDb command
- Q.4 (B) What is Connected Architecture in ADO.NET ? 2
- Q.4 (C) Explain Dataset, DataAdapter and DataReader using ADO.NET with example 5
- Q.5 (A) **Fill in the blanks** 3
1. All report data comes in _____ section in Crystal Report
 2. _____ control is a way of making a custom, reusable component in C#
 3. _____ section displays data on Top of page in Crystal Report
- Q.5 (B) What is Special Field in Crystal Reports ? 2
- Q.5 (C) Explain Formula field and Summary field in Crystal Report 5
- OR
- Q.5 (A) **Fill in the blanks** 3
1. All report heading data comes in _____ section in Crystal Report
 2. _____ is First section of Crystal Report
 3. _____ is Last section of Crystal Report
- Q.5 (B) What is Summary Field in Crystal Reports ? 2
- Q.5 (C) Explain User Control with example in C# 5