

B.Sc.(IT) Semester - 4 (CBCS) Examination
March/April-2026 [NEW COURSE]
Programming with C sharp(Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Que. 1 (A) Answer the following questions. (03)
- 1) Full form of IDE.
 - 2) Full form JIT.
 - 3) Full form of CLR.
- Que. 1 (B) Answer the following questions: (Any Two) (06)
- 1) Explain Readline() and Writeline().
 - 2) Explain for loop.
 - 3) What is Windows application?
 - 4) Explain Assembly and metadata.
- Que. 1 (C) Answer the following questions: (Any One) (05)
- 1) Explain Advantages of .Net Framework.
 - 2) Difference Manage code and unmanage code.
- Que. 2 (A) Answer the following questions. (03)
- 1) What is Object?
 - 2) What is ref?
 - 3) Definition: Inheritance.
- Que. 2 (B) Answer the following questions: (Any Two) (06)
- 1) What is Encapsulation? Explain in brief.
 - 2) Explain Abstract Class.
 - 3) Explain Interface.
 - 4) Explain unsafe code.
- Que. 2 (C) Answer the following questions: (Any One) (05)
- 1) Explain Constructor with Example.
 - 2) Explain Polymorphism with example.
- Que. 3 (A) Answer the following questions. (03)
- 1) Full form of MDI.
 - 2) Explain Timer in one line.
 - 3) Explain form in one line.
- Que. 3 (B) Answer the following questions: (Any Two) (06)
- 1) Explain Check Box control.
 - 2) Explain List Box Control.
 - 3) Explain Message Box Class.
 - 4) Explain Button Control.

- Que. 3 (C) Answer the following questions: (Any One) (05)
- 1) Explain Menu control.
 - 2) Explain Dialog Boxes.
- Que. 4 (A) Answer the following questions. (03)
- 1) Full form of ADO.
 - 2) What is Data Set?
 - 3) What is Data View?
- Que. 4 (B) Answer the following questions: (Any Two) (06)
- 1) Explain ADO.net architecture.
 - 2) Explain Data Row with example.
 - 3) What is Command in connected architecture?
 - 4) Explain Grid View.
- Que. 4 (C) Answer the following questions: (Any One) (05)
- 1) Discuss Data Adapter control in detail.
 - 2) Difference between connected and disconnected architecture.
- Que. 5 (A) Answer the following questions. (03)
- 1) List out reports section.
 - 2) What is method?
 - 3) What is property?
- Que. 5 (B) Answer the following questions: (Any Two) (06)
- 1) Explain Special field and summary in report.
 - 2) Explain user interface editor.
 - 3) Explain User system editor.
 - 4) Explain Formula in report.
- Que. 5 (C) Answer the following questions: (Any One) (05)
- 1) List out different types of Setup Projects and explain File system Editor.
 - 2) Explain different types of report.
