



RAN - 2111040102030002

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MCA (Sem. - II) Examination April - 2025

Programming in .NET (Paper : 203)

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MCA (Sem. - II)

Name of the Subject :

Programming in .NET (Paper : 203)

Subject Code No.: **2111040102030002**

Seat No.:

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Student's Signature

- Q.1.** A) How .Net is platform independent and language independent? **6**
B) Explain role of CLR in .Net framework. **5**
OR
B) How foreach loop is different from for loop? **5**
C) What is ildasm? How is it helpful? **3**
- Q.2** A) “Main use of Interface type is to manage multiple inheritance only in C#.”
Comment on the statement and justify your answer with suitable examples. **7**
B) How property type is useful for data hiding in C#? **5**
OR
B) What is the difference between boxing and unboxing in C#? Explain with example. **5**
C) Explain method overriding in C# with example. **2**

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- Q.3** A) Design a sample code structure to demonstrate use of abstraction in C#. 6
B) Why order of catch block is important in try-catch statement? Explain using C# example. 5

OR

- B) How to use Interface type to achieve dynamic polymorphism in C#? Explain with example. 5
C) What is special about radio button control? 3

- Q.4** A) Differentiate model and modeless dialogboxes with example. 7

OR

- A) How to generate a report from a database in C# windows forms application? 7
B) Differentiate MDI and SDI type in detail with example. 5
C) How DataSet helps to manage disconnected data access for a .Net application? 2

- Q.5** A) Explain difference between Data Reader and Data Set with example. 6

OR

- A) Compare and contrast String and StringBuilder classes giving suitable examples. 6
B) How to use delegate in C#? Explain with suitable example. 5
C) Explain any one menu control in detail. 3
