



RAN - 2011000104040001

RAN-2011000104040001**S.Y.B.C.A. (Sem-IV) Examination****January - 2021****404: NET Programming****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:

☛ **S.Y.B.C.A. (Sem-IV)**

Name of the Subject :

☛ **404: NET Programming**Subject Code No.: **2011000104040001**

Seat No.:

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Student's Signature

Instructions:

- (1) All questions are compulsory.
- (2) Figures to the right indicate full marks.
- (3) Draw necessary diagram wherever necessary.

Q-1. Answer the following in short:**10**

- (i) What is FCL?
- (ii) Define unmanaged code.
- (iii) What is boxing?
- (iv) How to pass variable number of arguments in subroutine?
- (v) Explain MessageBox.Show() function.
- (vi) What is the use of Filter property of OpenFileDialog control?
- (vii) List out any four mouse events.
- (viii) Which keyword is used to overload subroutine?
- (ix) What is the use of MustOverride keyword?
- (x) List out methods of data adapter object.

Q-2. Answer the following question:**15**

1. Explain Type Conversion Functions using syntax and example.
2. Explain Checked List Box control with example.

3. Explain Save File Dialog Box.

OR

- Q-2.**
1. Explain components of .NET Framework.
 2. Explain While loop using syntax and example.
 3. Explain Open File Dialog Box.

- Q-3. Answer the following question: 15**

1. Explain Image list control using properties and methods.
2. Explain Tree View control using properties and methods.
3. What is Exception? Explain Unstructured Exception Handling.

OR

- Q-3.**
1. Explain Text Box control using properties and methods.
 2. Explain Try... Catch statement using syntax and example.
 3. Explain Combo Box control using properties and methods.

- Q-4. Answer the following question: 15**

1. Explain Interface using syntax and example.
2. What is the use of Container controls? Explain any two Container controls.
3. Explain keywords using example: Overridable, Overrides, MustOverride, NotOverridable.

OR

- Q-4.**
1. Why should we overload method? Explain Method Overloading using example.
 2. What is Inheritance? Explain types of Inheritance using example.
 3. What is Constructor and Destructor? Explain Constructor using example.

- Q-5. Answer the following question: (Any three) 15**

1. Explain Data Grid control in detail.
2. Explain disconnected architecture of ADO.NET.
3. Explain Picture Box control using properties and methods.
4. Write a note on Data Adapter Object.
5. Write steps to connect and execute. Delete and Insert queries on Movies table.
Movies (MovieId, MovieName, Director, Producers, Writers, Stars, ReleaseDate)
