



# RAN-3556

## SYBCA (Sem. IV) Examination

### October / November - 2019

### 404 - .Net Programming

સૂચના : / Instructions

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

Name of the Examination:

SYBCA (Sem. IV)

Name of the Subject :

404 - .Net Programming

Subject Code No.:

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Seat No.:

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Student's Signature

- (1) All questions are compulsory.
- (2) Figures to the right indicate full marks.

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

**10**

- (i) What is the use of MyBase keyword in VB.NET?
- (ii) What is the use of Option Strict statement?
- (iii) How to create Dynamic Array?
- (iv) Define shared variable.
- (v) Write difference between Enable and Visible properties.
- (vi) What is CTS?
- (vii) What is the use of Command Object?
- (viii) What is the scope of Friend members of the class?
- (ix) What is the significance of Catch block in Try...Catch statement?
- (x) What is Boxing in VB.NET?

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

**15**

1. Explain Date functions using example.
2. Explain Font dialog box and Color dialog box in brief.
3. Explain Visual Studio.NET IDE.

**OR**

**Q-2:**

1. Explain Conditional Control statements using example.
2. Explain components of .NET Framework.
3. What is Event? Explain any three keyboard events and any three mouse events.

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

**15**

1. Explain UserDefined function and procedure using example.
2. What is Exception? Explain Structured exception handling in VB.NET.
3. Explain Datatypes in VB.NET.

**OR**

**Q-3:**

1. What is Array? How to create and use Dynamic Array?
2. What is Overloading? How to achieve it in VB.NET.
3. Explain Input Box and Message Box using example.

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

**15**

1. What is Inheritance? How to achieve it in VB.NET?
2. Explain properties, methods and events of Rich Text Box control.
3. Explain Access Specifiers in VB.NET.

**OR**

**Q-4:**

1. Explain Check box and Radio button controls.
2. Explain Data Grid View Control.
3. What is Overriding? List out and explain keywords used for Overriding.

**Q-5: Answer the following question: (Any Three)**

**15**

1. Explain Tree view control using properties, methods and events.
2. Explain ADO.NET object model.
3. Explain List Box and Combo Box controls.
4. Explain the use of Data Adapter and Dataset using examples.
5. Write steps to connect with Customer table in access database and perform Insert and delete operations. Use following schema:  
Customer (CustomerId, Name, Address, City, State, Pincode)

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