

**S. Y. B. C. A.**  
**Application Development Using VB .NET (205)**  
**Subject Code: 8435**

**Duration: 3 Hours**

*Oct - 2017*

**Total Marks: 100**

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|-----|--|----|
| Q-1 | Answer the following questions   | 20 |
| (A) | Explain .NET Framework.  |    |
| (B) | Write a note on looping structure with example.  |    |
|     | <b>OR</b>  |    |
| Q-1 | Answer the following questions   | 20 |
| (A) | Explain VB.NET IDE in brief.   |    |
| (B) | Explain structured exception handling  |    |
| Q-2 | Answer the following questions   | 20 |
| (A) | Explain textbox control with its properties.   |    |
| (B) | Give the difference between list box and combo box.                                    |    |
| (C) | Explain scroll bar control with its property.  |    |
| (D) | Explain link label control   |    |
|     | <b>OR</b>  |    |
| Q-2 | Answer the following questions   | 20 |
| (A) | Explain listbox control with its item collection and example                           |    |
| (B) | Explain timer control with its example   |    |
| (C) | Explain trackbar control with example.   |    |
| (D) | Define: pow(), sqrt(), dateserial(), timeserial(), replace() function                  |    |
| Q-3 | Answer the following questions   | 20 |
| (A) | Write short note on openfile dialog box  |    |
| (B) | Explain MDI form with example.   |    |
| (C) | Explain notifyicon control.  |    |
| (D) | Explain menu strip in vb.net   |    |
|     | <b>OR</b>  |    |
| Q-3 | Answer the following questions   | 20 |
| (A) | Explain context menu   |    |
| (B) | Explain month and calendared control   |    |
| (C) | Explain color dialog box with its property   |    |
| (D) | Explain picture box with its example   |    |
| Q-4 | Answer the following question?   | 20 |
| (A) | What is class? How to define it in VB.NET?   |    |
| (B) | Explain property, method and event in VB.NET   |    |
| (C) | Explain overloading in VB.NET  |    |
| (D) | Explain constructor in VB.NET  |    |
|     | <b>OR</b>  |    |
| Q-4 | Answer the following questions   | 20 |
| (A) | What is object? How to define it?  |    |
| (B) | Explain inheritance with example.  |    |
| (C) | Explain encapsulation in vb.net with example.  |    |
| (D) | Explain property procedure in vb.net   |    |
| Q-5 | Answer the following questions   | 20 |
| (A) | Write a note on accessing data using dataset and data adapter                          |    |
| (B) | Write a note on report generation using Crystal Report                                 |    |
|     | <b>OR</b>  |    |
| Q-5 | Answer the following questions   | 20 |
| (A) | Write step to generate crystal report.   |    |
| (B) | Write code to explain database connectivity for insert, update, and delete operations. |    |