



**SB-0713**

**Second Year B. Sc. Examination**

**March / April – 2011**

**Computer Science : Paper - IV  
(System Development Tools)**

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

नीचे दशांशले निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :

Name of the Subject :

Subject Code No. :     Section No. (1, 2,.....) :

Seat No. :

Student's Signature

- (2) Answer all questions.
- (3) Figures in the right indicate full marks.

- 1 Answer the following : 14
- (i) Explain CLR
  - (ii) What is MDI?
  - (iii) What is procedure and function ?
  - (iv) What is MSIL?
  - (v) What is base class of VB.Net?
  - (vi) What is debugging?
  - (vii) What is garbage collection?

- 2
- (i) Explain benefits of .Net frame work. 6
  - (ii) Explain any two string function. 4
  - (iii) Explain looping statement by taking suitable example. 4

**OR**

- 2
- (i) Explain various key events. 6
  - (ii) Explain main methods of console class. 4
  - (iii) Explain use of constructor and destructor in .Net 4

- 3
- (i) Write a note on .Net Web Services. 6
  - (ii) Explain use of Input Box. 4
  - (iii) Explain main properties and method of Radio button control. 4

**OR**

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**1**

**[Contd...**

- 3 (i) Write a function to establish connection with a table stored in MS-Access database. 6  
(ii) Explain use of msgbox. 4  
(iii) Explain main property and method of checkbox control. 4
- 4 (i) Explain thread life cycle. 6  
(ii) Explain Menu control in .Net. 4  
(iii) Explain use of Server explorer and property Window. 4
- OR**
- 4 (i) Explain exception handling in .Net. 6  
(ii) Explain steps to create crystal report in .Net. 4  
(iii) Explain event, event source and event listener. 4
- 5 Answer the following : (any two) 14  
(i) Write a note on ADO object model  
(ii) How can you track session in asp .Net?  
(iii) Explain thread synchronization.