



RA-0713

Second Year B. Sc. Examination

March / April – 2010

Computer Science : Paper - IV

(System Development Tools)

Time : Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृशायेव निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
S. Y. B. Sc.

Name of the Subject :  
Computer Science : Paper - 4

Subject Code No. : 0 7 1 3 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

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

1 Answer the following questions : 14

- (a) What do you mean by term procedure? How many types of procedures are there in Vb.Net?  
(b) What is difference between Data Reader and Data Adapter?  
(c) What is lifecycle of Asp.Net page?  
(d) List and explain the designers in IDE of Vb.Net.  
(e) State the difference between shared variable and Instance variable.  
(f) Write structure of HTML code.  
(g) What is base class of Vb.Net? Which are its members?

2 (a) Write the characteristics of .Net Technology in detail. 6

(b) Explain different Mouse events available in Vb.Net. 4

(c) Explain the OPTION statement in detail. 4

OR

2 (a) What is Multi Threading? Explain the Synch Lock statement with proper example. 6

- (b) What is namespaces? Discuss any three Namespaces of Vb.Net. 4
- (c) Write a section of program to create a button at runtime. How to handle event of that button ? 4
- 3** (a) Explain with diagram the major components of ADO.Net and also explain relationship among them. 6
- (b) Explain the SaveFile Dialog and ColorDialog with example. 4
- (c) Explain InputBox with proper example. 4
- OR**
- 3** (a) Explain different validation control in ASP.Net. 6
- (b) Explain the Net-frame work with diagram. 4
- (c) Explain the RadioButton control. 4
- 4** (a) Write a Console Application to sort an Array. 6
- (b) Explain Session in ASP.Net 4
- (c) Discuss ListBox control. 4
- OR**
- 4** (a) Write a section of a program which insert a row in Student Table using command object, structure of Table is Student (Sno, Sname, Class, Percentage) before insertion check for duplicate Sno (Use Data Reader). 6
- (b) Explain MDI application. 4
- (c) What is Breakpoint? How will you create and use it? 4
- 5** Attempt any **three** : 14
- (a) Justify "Vb.Net is programmer friendly language."
- (b) How will you create crystal report and view in application?
- (c) Explain Try.....Catch.....Finally statement with example.
- (d) Explain different Modifiers used for overriding in .Net.