

Mumbai University

Question Paper



ASP.NET WITH C#

B.Sc.IT: Semester – V
April – 2014

Time: 2 ½ Hours

Total Marks: 60

- N.B.:** (1) All Question are Compulsory.
(2) Make Suitable Assumptions Wherever Necessary And State The Assumptions Made.
(3) Answer To The Same Question Must Be Written Together.
(4) Number To The Right Indicates Marks.
(5) Draw Neat Labeled Diagrams Wherever Necessary.
(6) Use of Non – Programmable Calculator is allowed.

Q.1 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) Differentiate between Overloading and Overriding in C#. (5)
(B) Draw and Explain .NET Framework Architecture. (5)
(C) Explain how Multiple Inheritance is achieved using interfaces. (5)
(D) What is Flow Control? Explain Break and Continue Statements. (5)

Q.2 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) List and explain the components of Assembly. (5)
(B) How Garbage Collector works? (5)
(C) Explain Inline-Stylesheet and Embedded Stylesheet. (5)
(D) List and explain the stages of ASP.NET Page Life Cycle. (5)

Q.3 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) Explain glogal.asax file. (5)
(B) What are the uses of AutoPostBack and runat properties? (5)
(C) Differentiate between Inline-Code and Code-Behind. (5)
(D) Explain ListBox Control with properties and methods. (5)

Q.4 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) Explain CustomValidator Control with sample code. (5)
(B) What is State Management? Explain Application State Management. (5)
(C) What is use Querystring? Explain Encoding and Decoding of Querystring. (5)
(D) Explain relationship between Content Page and Master Page. (5)

Q.5 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) Write the steps with sample code to use Windows Authentication. (5)
(B) List and explain various templates provided by ListView Control. (5)
(C) Explain Command Class and DataAdapter Class with properties and methods. (5)
(D) Explain ASP.NET Provider Model with suitable diagram. (5)

Q.6 ATTEMPT ANY TWO QUESTIONS: (10 MARKS)

- (A) Explain UpdatePanel Control with example. (5)
(B) What are uses of the Document Ready Event and of jQuery Callback Functions? (5)
(C) What is difference between SQL and LINQ? List the advantages of using LINQ. (5)
(D) Write short notes on:
(i) LINQ to Objects
(ii) Query Expression (5)