(3 Hours)   **Total Marks:100**

N.B. :   1) Question No.1 is **compulsory.**
              2) Attempt any **four** from the remaining **six** questions.
              3) All questions carry equal marks.

1 (a) Explain Page events and Page Life Cycle of ASP.NET.   10

   (b) Explain database connectivity step to connect database with the

       example.   10

2 (a) Explain Validation control of ASP.Net in detail .   10

   (b) Explain Generics with the example.   10

3 (a) Explain Servlet Life Cycle in detail.   10

   (b)Explain Session   and Threat Management in detail.   10

4 (a) Explain Sax and DOM of XML in detail.   10

   (b) Explain HTML controls of ASP.NET in detail.   10

5 (a) Explain Threading Model in detail.   10

   (b) Explain Inheritance and Polymorphism with the help of example.   10

6 (a) What is World Wide Web? Explain Web Search Engines in detail. 10

   (b) Explain Architecture of .NET framework.   10

7   Short Notes.   (Any four)   20

   a) Arrays

   b) SOA

   c) CLR

   d) PostBack and CrossPage Posting

   e) Response Dispatching

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