

[THREE HOURS]

TOTAL MARKS:100

N.B.: (1) Question No. 1 is compulsory

- (2) Solve any four questions from Question Nos. 2 to 7
- (3) All question carries equal 20 marks.

- Q1. Write short notes on (any four) :- (20)
- a) Web Service and SOA
 - b) Data Bound Controls in ASP.NET
 - c) Semantic Web
 - d) XSLT
 - e) Reference Data Types in C#
- Q2. a) What is Generics in C#? What are the advantages of using Generics? (10)
- b) Explain Search engines optimization and its limitations. (10)
- Q3. a) What is .NET framework? What is CLR? Explain the working of CLR. (10)
- b) What is Cookie? Design a JSP page to demonstrate the use of Cookies. (10)
- Q4. a) What is DTD? Why to use DTD? Explain internal DTD and external DTD with an example. (10)
- b) Design a user Registration form for a Recruitment site using ASP.Net (10) and validate it.
- Q5. a) WAP Counter Program in JSP using session handling. (10)
- b) Design a Registration form for online shopping site using ASP.NET with (10) add , update, delete operations.
- Q6 a) What is coding model in ASP.Net? Explain various ASP.Net web page Code models in details. (10)
- b) Explain <JSP:include> and <JSP:forward> action tag with suitable example.(10)
- Q 7 a) What is Request dispatching in JSP explain with example (10)
- b) Explain any two servlet classes with example. (10)