

Please check whether you have got the right question paper.

- N.B:** 1.All question are compulsory.
2.Figures to the right indicate full marks.

Q1. Answer the Following: (Any 4)

(20 marks)

- What is .NET framework? Explain in detail .NET framework 4.5 with diagram
- State and explain various components of .Net framework.
- Explain the Anatomy of a Web Form.
- Explain the characteristics of C#. State the applications you can write with C#.
- Write a note on MSIL.
- Write a note on ASP.Net File types.

Q2. Answer the Following: (Any 4)

(20 marks)

- Write a note on ASP.Net Page Life Cycle..
- Explain the Validation Controls.
- Write a note on AutoPostBack.
- Explain SiteMapPath Control.
- Explain the following:
 - ListBox
 - Label
 - TextBox
 - DropDownList
- Explain AdRotator Control.

Q3. Answer the Following: (Any 4)

(20 marks)

- What is an exception? How exceptions are handled in ASP.NET application?
- Differentiate between DataSet and DataReader.
- Explain the following XMLClasses
 - XMLTextReader
 - XMLTextWriter
- Write a brief note on the Data Provider Model? Explain various ADO.NET namespaces.
- Write the difference between Single-Value Data Binding and Multi-Value Data Binding in ADO.NET.
- Write a short note on SqlCommand class in ADO.NET.

Q4. Answer the Following: (Any 3)

(15 marks)

- What is difference between value type and reference type in C#.
- Explain Check Box and RadioButton.
- Explain global.asax file.
- Explain (i) ExecuteNonQuery (ii) ExecuteScalar (iii) ExecuteReader
- What is LINQ? Explain the syntax of LINQ with suitable example.
- Give the Structure of web.config file. Also state its advantages.
