



- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) What is C#? Explain in detail different characteristics of C#. 8
- b) What is CLR? Explain different component of CLR in detail. 8

OR

- c) Discuss in brief.Net framework. 8
- d) What are the benefits of C#? Write down the comparison among C# and C++. 8

Either:

2. a) Explain in detail different data types available in C# with example. 8
- b) Write a program to test whether a number is positive or negative. 8

OR

- c) What is Exception? Explain Exception handling in detail. 8
- d) What do you mean by Delegates? State their use with example. 8

Either:

3. a) What do you mean by web services? Explain window services in detail. 8
- b) Write a program to demonstrate web form controls. 8

OR

- c) What is distributed application ex.? 8
- d) Write the steps to deploy web services. 8

Either:

4. a) What is .Net Assemblies? Explain the feature and structure of .Net Assemblies. 8
- b) Write note on 8
 - i) Built in Attribute
 - ii) Remoting.

OR

- c) What is Type Discovery? Explain. 8
- d) What is Generic Collection class? Write a program to demonstrate generic collection class. 8

5. Attempt all the questions.
 - a) Explain evolution of C#. 4
 - b) Write short note on Multicast Delegates. 4
 - c) Write note on Safe mode. 4
 - d) Explain in short Private and Share assemblies. 4
