PSCST12 - Paper-IV : C#.NET

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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) Explain the .NET Framework with suitable diagram. **8**

b) What is C#? Explain the evolution of C#. **8**

OR

c) Explain CTS and CLS in detail. **8**

d) Give the difference between C# and C++. **8**

Either:

2. a) What is Event? Explain Event handling in detail. **8**

b) Write a program to reverse a number and find sum of digit of a number in C# .NET. **8**

OR

c) Write a detail note on exception handling with suitable example. **8**

d) Write a note on delegates and their usefulness. **8**

Either:

3. a) What are web services? Explain web services in detail. **8**

b) Write a program to demonstrate web form controls. **8**

OR

c) Explain the benefits and characteristics of web services. **8**

d) What is interface? Explain the use of graphical device interface with C#. **8**

Either:

4. a) Write a note on- **8**
    i) Assemblies
    ii) Versioning.

b) What is Generic collection class? Write a program to demonstrate Generic collection class. **8**

OR

c) What is type discovery? Explain in detail. **8**

d) Write a program that demonstrate the use of Remoting. **8**

5. Attempt all the questions.

    a) Explain integrated development Environment of C#.NET. **4**

    b) Write note on Windows Application. **4**

    c) Explain Unsafe mode in C#. **4**

    d) Explain in short private and share assemblies. **4**

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