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**Component Based Technology**  
**Important 10mark Questions**

**Unit I**

1. Explain the .NET framework architecture with a neat diagram.
2. Explain the various components of visual studio integrated development environment.

**Unit II**

1. Explain multidimensional array and jagged array with an example.
2. List the various types of operators available in C#.NET. Explain.

**Unit III**

1. Explain with example the steps to create a menu and context menu.
2. Explain in detail about advance controls and event with an example.

**Unit IV**

1. What is stored procedure? Write the steps to create a stored procedure with example.
2. Explain in detail about the architecture of ADO.NET.

**Unit V**

1. Explain in detail about XML serialization with its architecture diagram.
2. Define schema. Write about the building blocks of schema.