

- (i) Virtual
 - (ii) Override
 - (iii) New for creating method.

(10 Marks)

OR

- 6 a. Explain briefly use of Garbage collector in .Net and implement IDisposable interface to create Disposable objects. (10 Marks)
 - b. What is an interface? Explain how to achieve multiple inheritance in C# with complete example. (10 Marks)

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2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8=50, will be treated as malpractice. Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

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Module-4

- 7 a. What are properties, explain with syntax and how to create read only properties and write only properties with examples. (10 Marks)
 - b. Create a generic method that swaps two values of any type explain with examples. (10 Marks)

OR _

- 8 a. What is an indexer? Explain how to create an indexer with an example. (10 Marks)
 - b. Explain Stack<T> collection class members with an example program. (10 Marks)

Module-5

9 a. Explain implementing automated factory scenario by using delegates. (10 Marks)
b. Implement operator overloading in C# for + and - operators to add and substract two complex numbers. (10 Marks)

OR

- 10 a. Implement the following by using Query operators
 - (i) Selecting dat.
 - (ii) Filtering data
 - (iii) Ordering data.
 - (iv) Grouping data.
 - * Assume customer information : CustomerID, FirstName, LastName, CompanyName
 - * Address Information : CompanyName, City, Country
 - b. Implement an enumerator by using iterator with a simple iterator example. (10 Mar

(10 Marks) (10 Marks)