



SD-3887

M. Sc. (I.C.T.) (Sem. II) Examination
April / May - 2011
C#.NET

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. Sc. (I.C.T.) (SEM. 2)

Name of the Subject :
C#.NET

Subject Code No. : 3 8 8 7 Section No. (1, 2,.....): NIL

Seat No. :

Student's Signature

- (2) Attempt all questions. All questions carry 14 marks.
(3) Draw the Figure and give example whenever necessary.

- 1 (A) Answer the following in brief. (Any Three) [06]
1. What is Boxing and Unboxing?
 2. What is GAC?
 3. When an object is destroyed in .Net?
 4. List out access specifiers in C#.Net.
- (B) Answer the following questions. (Any Two) [08]
1. Explain those framework components which make .Net multilingual for application development.
 2. Write a sample code to display database table data in console application using LINQ.
 3. What is Indexer? How it helpful in C# application?
- 2 (A) Fill in the blanks. [04]
1. _____ is a collection of one or more exes and dlls.
 2. To fill DataSet _____ object is use.
 3. _____ namespace is used to deal with any database in .Net.
 4. Application related settings reside in _____ file in C#.
- (B) Write a short note on the followings: (Any Two) [10]
1. ArrayList
 2. Threading
 3. XML Serialization
- 3 Answer any two [2] from the following. [14]
1. What is LINQ? Explain structure of LINQ statements. Also describe various concepts of C# with which LINQ can be used.
 2. What is Delegate in .Net? In which situation it is helpful? Also explain multicast Delegate.
 3. What is interface? How to use interface in C#? Explain inheritance of interface in other interface and use of it in a project.

- 4 (A) Answer the following questions: (Any Two) [10]**
1. How to create a class which can take runtime datatype(s) for its instance?
 2. Explain Reflection in detail.
 3. What is property of a class? How to create and use property in C#?
- (B) Explain the difference between Class and Structure in C#. [04]**
- 5 Answer the following questions: (Any Two) [10]**
1. What is Event? Explain the concept of event using C# console application.
 2. How we can retrieve information of folders and files in C#?
 3. What is XML? How to parse XML in C#?
- (B) How we can use Enumeration in C#? Also explain Enumeration as a class member. [04]**
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