Roll No. ....   Total No. of Pages : 2

Total No. of Questions : 09

B.Tech. (IT) (Sem.–7/8)
DOT NET FRAMEWORK
Subject Code : IT-424 (2007 & onward batches)
Paper ID : [A0531]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
1. SECTION-A is COMPULSORY.
2. Attempt any FOUR questions from SECTION-B.
3. Attempt any TWO questions from SECTION-C.

SECTION-A   (10 × 2 = 20 Marks)

1. Write short notes on :

   (a) How we can add text to the Graphics? Write Syntax

   (b) How can you create User-Defined Types?

   (c) What is Type Forwarding?

   (d) How can Threads be created?

   (e) What are various types of Collections?

   (f) Explain how to create a Font Object.

   (g) What is the function of Stream Writer Class?

   (h) Write how to read and write data to Isolated Storage.

   (i) Explain Generic Collection Class Structure.

   (j) What is the Function of Deflate Stream Class ?

SECTION-B   (4 × 5 = 20 Marks)

2. What is a Thread? How a thread can be created? What are Thread Priority Enumeration Values ?

3. How a thread can be stopped? What is the need of Synchronization Locks?

N-998

4. Explain how to use Regular Expression for Pattern Matching? How to extract Matched Data?

5. W.A.P to find Factorial of *n* numbers.

6. Explain Dot Net Framework.

SECTION-C **(2 × 10 = 20 Marks)**

7. What is Application Domains? How to create Application Domain and Loading/ unloading it?

8. Explain Drawing Graphics, Location and Size of Controls. Draw lines and Shapes and Fill Shapes.

9. Explain Encoding and Decoding a File.

N-998