

Roll No.

(06/21-II)

5416

B.C.A EXAMINATION

(For Batch 2011 & Onwards)

(Sixth Semester)

INTRODUCTION TO NET

BCA-366

Time : Three Hours

Maximum Marks : 80

Note : Question No. 1 is compulsory. Attempt any

Five questions in all, selecting *one* question from each Unit including the compulsory question. All questions carry equal marks.

1. Answer the following questions :

- (a) What is an array ?
- (b) What do you mean by class and object ?
- (c) What do you mean by scope of a variable ?

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- (d) Define operator associativity example.
 - (e) What does the CLR signify ?
 - (f) What are value types ?
 - (g) What are constants ?
2. Explain framework of .Net. Explain in detail various building blocks of .Net net platform.
 3. Explain in detail various features of .Net.

Unit I

- ### Unit II
4. (a) Define C# and various features in C#.
 - (b) Define class libraries in .Net with example.
 5. Explain the concept of Data types in C#. Define value type and reference type with example.

Unit III

6. (a) What is the concept of operators in C# ? Explain various types of operators.
- (b) Write a program to find factorial of a number.
7. (a) Explain the concept of function overloading with the help of a program.
- (b) Write a program to check whether a number is prime or not.

Unit IV

8. (a) Differentiate between overloading and overriding.
- (b) Explain sealed classes and methods.
9. Write notes on the following :
 - (a) Error handling
 - (b) Exception handling.