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BCA 6th Semester Only Reappear

Examination, November-2023

INTRODUCTION TO .NET

Paper-BCA-309

Time allowed : 3 hours]

[Maximum marks : 80

Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt five questions. Q. No. 1 is compulsory. Select one question from each unit.

1. (a) What is managed code ?
(b) What are the major service provided by the CLR ?
(c) What is sealed class ?
(d) What is overriding ?
(e) What is methods ?
(f) What is function overloading ?
(g) What is default value ?
(h) What is metadata ?

Unit-I

2. (a) What are the building block off .NET framework?
Explain.
(b) What are the features of .NET TECHNOLOGY?
Explain.
3. (a) What is namespace? Explain with example.
(b) How is the web development evolving? Explain.

Unit-II

4. (a) Explain the concept of assembly and manifest in .NET.
(b) What is the difference between Boxing and Unboxing? Explain with example.
5. What is data types? Explain different data types supported by C# language.

Unit-III

6. What are operators? Enumerate various operators supported by C# language with example.
7. (a) What is constructor? Explain Static and copy constructor with example.
(b) Differentiate the following:
 - (i) For the foreach
 - (ii) break and continue

Unit-IV

8. (a) What is inheritance? What are the different form of inheritance? How is it implemented in C# ?
(b) What is exception? How to handle exception in C# ?
9. (a) What is polymorphism? How early and late binding achieved?
(b) Explain:
 - (i) Interface
 - (ii) Sealed class and sealed method