

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (ECE) (Sem.-6)  
**C# AND .NET PROGRAMMING**

Subject Code : BTEC-906D-18

M.Code : 79380

Date of Examination : 17-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Write briefly :**

- a) Dynamic data type in C#
- b) Exception
- c) CLR
- d) Operator Overloading
- e) Abstract Class
- f) MDI
- g) Synchronization
- h) ADO.NET
- i) Localization
- j) Data Stores

## SECTION-B

2. Discuss the various data types in C#
3. Define Indexers. Can they be overloaded? Justify.
4. Write a note on windows presentations foundation.
5. Differentiate between abstract and interface. Explain the concept of polymorphism.
6. Explain how testing and debugging is done in .Net.

## SECTION-C

7. Describe in detail the process of packaging and deployment in .Net.
8. Write a detailed note on memory management, pointers and regular expressions.
9. Define transactions. Explain P2P networking. How P2P applications are created in .Net.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**