

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 : 20-05-2024

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) Lambdas
- b) Event
- c) Exceptions
- d) Errors
- e) Pointers
- f) Object and Interface
- g) WPF
- h) Assemblies
- i) XAML
- j) Framework.

## SECTION-B

2. Define Indexers. Can they be overloaded? Justify.
3. Write a note on SAX and DOM.
4. Differentiate between abstract and interface. Explain the concept of polymorphism.
5. What is garbage collection? Explain the differences between garbage collection in DotNet and earlier versions.
6. Explain how testing and debugging is done in .Net?

## SECTION-C

7. What is collection? Explain its different types. Write a procedure to add and remove items in collections.
8. Define ADO. What is its use? How it helps the user in programming applications?
9. Write a note on testing and debugging in Dot Net framework.

**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.**