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Roll No.

TBC/TBI-502-501

B. C. A./B. SC. (IT)

(FIFTH SEMESTER)

MID SEMESTER

EXAMINATION, Oct, 2023

PROGRAMMING WITH .NET C#

Time : 1½ Hours

Maximum Marks : 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Explain DLL Hell problem and how does .NET solve it ? (CO1)

OR

(b) Write a C# program to concatenate a 2D matrix. (CO2)

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2. (a) Explain the various components of .NET Framework with block diagram. (CO1)

OR

- (b) Explain the advantages and features of .NET Framework. (CO1)

3. (a) Explain at least *five* methods of Array class with proper syntax and example.

(CO2)

OR

- (b) What do you mean by Type conversion ? Explain with its types with proper example. (CO2)

4. (a) Differentiate between Process Assembly and Library Assembly. (CO1)

OR

- (b) Write a menu driven program to show that use of various methods of String class.

(CO1)

(3)

5. (a) What are assemblies ? Explain the different types of assemblies. (CO1)

OR

- (b) Explain namespaces and JIT process of .net framework. (CO1)