

B.Sc.-III (Information Technology) (CBCS Pattern) Semester - V
001 - Paper-I (Elective-I) : .NET Framework and C# .NET

P. Pages : 2

Time : Three Hours



GUG/S/23/13130

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) Describe the .NET Framework in detail. 4
- b) What do you mean Microsoft Intermediate Language (MSIL)? Explain. 4

OR

- c) Write and explain Framework Base Classes. 4
- d) What do you mean by Common Type System (CTS)? Explain. 4

Either:

2. a) What is Interface in C#? Explain it with the help of example. 4
- b) Write a detailed note on Sealed Classes. 4

OR

- c) What are the Type Conversion methods in C#? Explain any two. 4
- d) Write a detailed introduction about C-Sharp Language. 4

Either:

3. a) What do you mean by Delegates? Explain. 4
- b) Explain the Namespace regarding System in detail. 4

OR

- c) Write a detailed note on Error Handling in C#. 4
- d) What do you mean by Events? Explain in detail. 4

Either:

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| 4. | a) | What is .NET Assemblies? Explain its features. | 4 |
| | b) | Explain the Graphical Device Interface in C#. | 4 |

OR

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| | c) | What do you mean by Build – in attribute and custom attribute? Explain. | 4 |
| | d) | Write a detailed note on Windows Services. | 4 |
| 5. | | Attempt all the questions. | |
| | a) | Explain the origin of .NET Technology. | 2 |
| | b) | Write features of C# language. | 2 |
| | c) | Write a short note on Multi – Threading. | 2 |
| | d) | Explain the Web Services. | 2 |
