

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

P. Pages : 2

Time : Three Hours



GUG/W/24/13130

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to question.

Either:

1. a) Explain the Just In – Time compilation process. 4
- b) What is concept behind .Net framework which separates it from other, explain in detail. 4

OR

- c) Write a note on origin of .Net Technology in detail. 4
- d) Explain the Common Language Specification (CLS) in detail. 4

Either:

2. a) Enlist the features of C#, explain in detail. 4
- b) Write a C# program to demonstrate multi level inheritance. 4

OR

- c) Explain abstract class with a suitable example. 4
- d) Explain the type conversion with a suitable example. 4

Either:

3. a) Explain the multi threading with a suitable program. 4
- b) Explain the need of namespaces in C#. 4

OR

- c) What do you mean by the multi cast delegates and event explain in detail. 4
- d) Explain following: 4
 - i) Error
 - ii) Error Handling

Either:

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|-----------|-----|--|----------|
| 4. | a) | Define the various Web Forth controls of ASP .Net. | 4 |
| | b) | Explain following: | 4 |
| | i) | Web Services | |
| | ii) | Window Services | |

OR

- | | | | |
|-----------|----|--|----------|
| | c) | Define the .Net Assemblies and its features in detail. | 4 |
| | d) | Explain the concept of distributed application of C#. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Write a compact note on CLR. | 2 |
| | b) | Write a short note on static class. | 2 |
| | c) | Explain the event with a short example. | 2 |
| | d) | What are the buit-in attributes in C# .Net. | 2 |
