

M.Sc. (Computer Science) (CBCS Pattern) Semester-III
PSCST12 - Paper-IV - C# .Net

P. Pages : 2

Time : Three Hours



GUG/S/25/11235

Max. Marks : 80

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

Either:

1. a) What is .Net Framework? Explain the basic functionality of CLR. 8
- b) Discuss in detail about the environment of C#. 8

OR

- c) Explain how C# is differ from C++. 8
- d) List and explain features of C#. 8

Either:

2. a) Explain in detail different data types available in C#. 8
- b) What is method overloading? Explain with suitable example. 8

OR

- c) What is Exception? Explain Exception Handling in detail. 8
- d) Write a program to test whether the number is +ve or -ve. 8

Either:

3. a) What are web services? Explain web services in detail. 8
- b) Write a program to demonstrate web form controls. 8

OR

- c) What is distributed application and explain it. 8
- d) Write the steps to deploy web service. 8

Either:

4. a) What is .Net Assemblies? Explain the feature and structure of .Net Assemblies. 8
- b) Write note on: 8
- i) Built in Attribute
- ii) Remoting

OR

- c) What is type discovery? Explain in detail. 8
- d) Write a program to demonstrate marshaling. 8
5. Attempt all the questions.
- a) Why C# is called type safe language? 4
- b) Write short note on Multicast Delegate. 4
- c) Explain in brief windows services. 4
- d) Write a short note on Versioning. 4
