

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

P. Pages : 2

Time : Three Hours



GUG/W/23/11235

Max. Marks : 80

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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 answers and write specific answer related to questions.

Either

1. a) Explain the concept of .Net Framework. **8**
- b) Explain the characteristics of C# in detail. **8**

OR

- c) Explain the benefits of C# in detail. **8**
- d) Write difference between C# and C++. **8**

Either

2. a) Explain the concept of object oriented Aspects of C# in detail. **8**
- b) Write a program to demonstrate user defined exception. **8**

OR

- c) Explain the basic concept behind the C# and windows application. **8**
- d) Write a program in C# using conditional statement to generate Fibonacci series. **8**

Either

3. a) Explain the web services uses in C# in detail. **8**
- b) Explain the controls used in ASP.Net web form in brief. **8**

OR

- c) Write a note on Graphical Device interface with C#? **8**
- d) Write a program to demonstrate the ASP.NET server controls. **8**

Either

4. a) Explain the following. **8**
- i) Built-in-Attribute
- ii) Custom Attribute
- b) Write a note on server object types in detail. **8**

OR

- c) Explain the following. 8
 - i) Building a server
 - ii) Building a client
- d) Write a program to securing web pages. 8

5. Attempt all the questions.

- a) Explain the C# environment in brief. 4
- b) Write a short note on Attributes in C#. 4
- c) Explain the ADO.Net in brief. 4
- d) Write a short note on Generic. 4
