

B.C.A. - III (CBCS Pattern) Semester-VI
UBCAT601.1 - Elective-I Paper-I : .NET and C# .NET

P. Pages : 2

Time : Three Hours



GUG/W/24/13301

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 whenever necessary.
 3. Avoid vague answer and write specific answer related to questions.

Either:

1. a) Explain procedure with example in .NET. 4
- b) Explain while () loop with example. 4

OR

- c) Enlist the elements of .Net & explain in detail. 4
- d) Define .Net. Explain Architecture of .Net frame work. 4

Either:

2. a) Create a windows form application to check whether inputted number is Armstrong or not. 4
- b) Explain with example. 4
 - i) Label()
 - ii) InputBox()

OR

- c) Give the difference between checkbox and radio button. 4
- d) Write a procedure for adding controls to forms. 4

Either:

3. a) Explain with example 4
 - i) Pass by value
 - ii) Pass by Reference
- b) Enlist and explain the characteristics of C#. 4

OR

- c) Write a C# program to swap two numbers. 4
- d) Explain the concept of methods with example. 4

Either:

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|-----------|----|---|----------|
| 4. | a) | Write a program to demonstrate Array of strings. | 4 |
| | b) | Describe string methods. Explain any two types of string methods. | 4 |

OR

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|-----------|----|---|----------|
| | c) | Write a note on: | 4 |
| | | i) Sealed classes. | |
| | | ii) Sealed Methods. | |
| | d) | Describe constructor. Exception static and private constructor. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Write a note on Explain Handling. | 2 |
| | b) | Explain Rich text Box Active X control. | 2 |
| | c) | How C# differs from C++ and Java? Explain. | 2 |
| | d) | Describe 'this' reference. | 2 |
