

No. of Printed Pages : 03

Roll No.

EE-682

M.C.A. EXAMINATION, May 2018

(Fifth Semester)

(B. Scheme) (Re-appear Only)

(MCA)

MCA603

.NET FRAMEWORK WITH C#

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(2-07/18) M-EE-682

P.T.O.

Unit I

1. (a) Explain the origin of .Net technology.
(b) What is common language runtime ?
Explain with example. **15**
2. (a) What are framework base classes ?
(b) Explain common type systems. **15**

Unit II

3. Explain C# language with its data types, identifiers, variables, constants and literals. **15**
4. Explain with examples : **15**
 - (a) Inheritance and polymorphism
 - (b) Operator overloading
 - (c) Interfaces.

Unit III

5. Explain the following :
 - (a) Namespace system
 - (b) Multi-threading
 - (c) Managing console I/O operations. **15**

Unit IV

6. Explain :
 - (a) Windows forms with example
 - (b) C# Libraries. **15**
7. Explain with example :
 - (a) Distributed application in C#
 - (b) Unsafe mode. **15**
8. Explain .net assemblies, attributes, features, structure and interface. **15**