

Roll No.

Subject Code—612

M.C.A. EXAMINATION

(Fifth Semester)

MS-32

C SHARP (C#) PROGRAMMING

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks.

1. (a) What is the concept of Virtual Object System ? How does it work ? **10**
(b) What do you mean by common language specifications ? Why is it used ? **10**
2. Explain the following terms in brief with the help of suitable examples : **5×4=20**
 - (a) Simple type of value
 - (b) Enumeration Type
 - (c) Arrays
 - (d) Interface.

(2-02)

P.T.O.

3. (a) What is Method ? Explain various parameters for methods. **10**
(b) Compare for and foreach statements. **10**
4. (a) Describe about overflow checking methods. **10**
(b) Explain throwing exceptions with the help of example. **10**
5. (a) Discuss about inheritance. How is it implemented in C# ? **10**
(b) Describe about various interface properties. **10**
6. (a) Explain various conditional attributes. **10**
(b) What is documentation compiling in XML ? **10**
7. Describe about any *two* of the following :
(a) Code Access Security
(b) Role Base Security
(c) .Net Security Architecture. **10,10**

8. Write short notes on any *two* of the following :
(a) NGWS components
(b) Meta Data
(c) Boxing and unboxing conversions
(d) Destructor. **10,10**