

I.M.C.A. SEM–VIII (2014 Course) CBCS : SUMMER - 2019
SUBJECT: DOT NET TECHNOLOGIES

Day: Thursday
Date: 25/04/2019

Time: 10.00 AM TO 01.00 PM
Max Marks: 100

S-2019-2145

N.B.:

- 1) Attempt **ANY FOUR** questions from section-I and **ANY TWO** questions from section-II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in *SAME* answer book.

SECTION-I

- Q.1** Discuss .Net framework with the help of- (15)
a) .Net Architecture
b) Common Language Runtime (CLR)
c) Common Type Specification (CTS)
- Q.2** Differentiate: (15)
a) .Net vs JAVA
b) Managed code vs Unmanaged code
- Q.3** Explain in brief below mentioned controls for web programming. (15)
a) Server controls
b) Data controls
c) Web part controls
- Q.4** Elaborate 'Error Handling' feature of C# programming. (15)
- Q.5** Write brief note on any three Windows Programming Controls. (15)
- Q.6** Justify, 'C# is fully Object Oriented Programming Language'. (15)
- Q.7** Write short Notes on **ANY THREE** of the following: (15)
a) C# Built in classes
b) LINQ Query
c) AJAX extension controls
d) C# code compilation strategy

SECTION-II

- Q.8** What is use of 'Generic classes' .Implement the structure 'Queue' with the help of Generic classes. (20)
- Q.9** Discuss web service Architecture for simple web service. With appropriate example. (20)
- Q.10** Elaborate concept of 'Themes and Skins' with suitable example. (20)