

M.B.A. (IT) SEM- III (2012 COURSE)(CHOICE BASED CREDIT SYSTEM) : SUMMER - 2018

**SUBJECT: ELECTIVE-III DOT NET TECHNOLOGIES
(ITM)**

Day: **Tuesday**
Date: **05/06/2018**

S-2018-1966

Time: **10.00 AM TO 01.00 PM**
Max Marks: 100

N.B:

- 1) Attempt any **FOUR** questions from Section-I. Each carries **15** marks.
- 2) Attempt any **TWO** questions from Section-II. Each carries **20** marks.
- 3) Answer to both the sections should be written in the **SEPARATE** answer books.

SECTION-I

- Q.1** Discuss Dot Net framework and its components CLR, CLS, MSIL etc. **(15)**
- Q.2** What is relation between class and object? Explain the use of properties in C# with example. **(15)**
- Q.3** Explain various loops in C# along with their specialty. **(15)**
- Q.4** Discuss any five windows controls in details. **(15)**
- Q.5** Explain the mechanism of error handling in C# along with suitable example. **(15)**
- Q.6** Write short notes on (**ANY THREE**) of the following: **(15)**
- a) Data types in C#
 - b) Type conversion in C#
 - c) Delegates
 - d) Interfaces

SECTION-II

- Q.7** Design windows application for point of sales system. Design an interface which will provide item selection and accordingly it will generate the bill. **(20)**
- Q.8** Write a web application for e- commerce application. It should have following functionality. **(20)**
- i) Login/ Registration
 - ii) Product display category wise
 - iii) Shopping cart
 - iv) Payment
- Q.9** Write a console application for following banking operations. **(20)**
- i) New account opening
 - ii) Amount deposit
 - iii) Amount withdrawal
 - iv) Account statement

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