

**M.B.A. (IT) SEM- III (2012 COURSE)(CHOICE BASED  
CREDIT SYSTEM) : WINTER - 2017**

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

Day: **Tuesday**  
Date: **19/12/2017**

**W-2017-1850**

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

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**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.
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**SECTION-I**

- Q.1** Explain Assemblies, manifest and methods in Dot Net. **(15)**
- Q.2** What are various access specifiers in Dot Net explain. **(15)**
- Q.3** Discuss types of inheritances supported in C#. **(15)**
- Q.4** Explain the working of stream writer-reader class. **(15)**
- Q.5** Differentiate and explain between connected and disconnected architecture. **(15)**
- Q.6** Write short notes on (**ANY THREE**) of the following: **(15)**
- a) Windows control status bar & process bar
  - b) XML
  - c) ADO Dot Net objects
  - d) Data Relations

**SECTION-II**

- Q.7** Design a web application for a holiday club which provides various services to customers. Design then web forms and write the code for various functionalities like. **(20)**
- a) login
  - b) New Membership
  - c) Services booked
  - d) Bill Calculation
- Q.8** Write a console application for following library operations **(20)**
- i) New member entry
  - ii) Book Issue
  - iii) Book Return
  - iv) Fine Calculation
  - v) Stock Report
- Q.9** Write a console application for implementing following data structure. **(20)**
- i) Stack (LIFO)
  - ii) Queue (EIFO)

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