

**S.D.E.**  
**M.C.A. SEM - V : WINTER - 2017**  
**SUBJECT : ELECTIVE – IV : .NET TECHNOLOGY**

Day : **Friday**  
Date : **15/12/2017**

Time **10.00 A.M. TO 1.00 P.M.**  
Max. Marks : 80

**W-2017-4444**

**N.B.**

- 1) Attempt any **FIVE** 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 **SEPARATE** answer book.

**SECTION – I**

- Q.1** Explain try, catch and finally blocks with example. (10)
- Q.2** What is a Dot Net Framework? Explain its architecture. (10)
- Q.3** Explain various validation controls used on web forms. (10)
- Q.4** What is assembly and give its types with example. (10)
- Q.5** Explain delegates. Give example of singlecast and multicast delegates. (10)
- Q.6** Explain different authentication modes in Dot Net Environment. (10)
- Q.7** Write short notes on any **TWO** : (10)
- a) Garbage collection
  - b) Namespaces
  - c) Session and cookies
  - d) Web.config file

**SECTION - II**

- Q.8** Write a C# program to implement STACK with its all possible operations. (15)
- Q.9** Write a program to display calculator with various functionalities on it. (15)
- Q.10** Write a program in C# to demonstrate operator overloading concept for binary '+' operator. (15)

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