

S.D.E.
M.C.A. Sem - V : WINTER - 2018
SUBJECT : ELECTIVE – IV : .NET TECHNOLOGY

Day : Saturday
Date : 01/12/2018

Time 10.00 AM TO 1.00 PM
Max. Marks : 80

W-2018-4823

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 Common Language Runtime (CLR) with diagram. (10)
- Q.2** How Try...catch...finally statement is executed? Explain in brief with example. (10)
- Q.3** What is ADO.NET? Explain fundamental objects in ADO.NET. (10)
- Q.4** What is Data validation in .NET? Explain validation controls in detail. (10)
- Q.5** Explain inheritance and types of inheritances with diagram. (10)
- Q.6** What are cookies and when they are used? Explain the objects and methods used to create, add and retrieve the cookies. (10)
- Q.7** Write short notes on any **TWO**: (10)
- a) Access specifiers
 - b) ASP and ASP.NET
 - c) Namespaces
 - d) Control structures

SECTION - II

- Q.8** Write a program for the following in C# (15)
– Accept a length and height in textbox
– Calculate area of rectangle
– Display result in MsgBox.
- Q.9** Write a C# program to find sum of digit of a given number till it reduces to single digit. Accept input through textbox and display the output in Message Box (using function). (15)
- Q.10** Write C# program to demonstrate working of any 3 loops. (15)

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