S.B. Roll No……….…………………….…………

.NET TECHNOLOGIES
6th /6206/Comp/IT/CSc//Nov'15

Duration: 3 Hrs.   **M.Marks=75**

SECTION A

(I)Do as Directed   **1x15=15**

i)   CLS stands for_____.

ii)   COM stands for _____.

iii)   Managed code is that code in which third party software is used. **(T/F)**

iv)   SOAP stands for _____.

v)   Garbage collector is used when object is no longer in use. **(T/F)**

vi)   Solution Explorer is useful tool for showing _____.

vii)   You can simply drag and drop any control from the _____ to your form.

viii)   IDE stands for _____.

ix)   MSIL stands for _____.

x)   CLR stands for _____.

xi)   Web form presents information to the user in _____.

xii)   What is the role of connection object in ADO .Net?

xiii)   The _____ will fill the DataSet with records from the database.

xiv)   The CLR is described as the "_____" of the .Net framework.

xv)   _____ can be used as a powerful XML middleware

SECTION B

(II)Do any SIX   **5x6=30**

a.   Explain .Net Framework architecture in details.

b.   Explain client-server architecture.

c.   What is web service? What are the building blocks of web services?

d.   Write a note on web based application in .Net.

e.   What is garbage collection? How it is helpful?

f.   What is CLR? What are the features of CLR?

g.   Explain features of ASP .Net.

h.   Write a note on metadata.

SECTION C

(III)Do any THREE   **10x3=30**

a.   What do you mean by decision statement? Explain the various decision making statements in ASP .Net.

b.   What are validation controls in ASP .Net? How they are used? Explain with example.

c.   What is ADO .Net? Explain the ADO .Net Architecture in detail.

d.   Discuss various web controls used to design a web form.

e.   Write a note on:
      (i) CTS
      (ii) Data Provider