C.U.SHAH UNIVERSITY
Winter Examination-2019

Subject Name : .NET Technology

Subject Code : 4CS05NET1   **Branch : M.Sc. C.A & I.T (Integrated)**

Semester: 5   **Date: 16/10/2019**   **Time: 02:30 To 05:30**   **Marks: 70**

Instructions:
  (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

Q-1	**Attempt the Following questions**	**(14)**
a.	What is Operator Overloading ?	
b.	List our features of .Net Platform	
c.	Define Value type data type	
d.	Given the full name of CLS	
e.	What do you mean by an Assembly ?	
f.	Define Inheritance	
g.	List out types of Validation Controls	
h.	What is .Net Platform?	
i.	Given the full name of CSS	
j.	List out Benefits of ADO.NET	
k.	Difference between Web based Application and Window based Application	
l.	What is CLR?	
m.	Given the full name of XML	
n.	Define Web Services	

Attempt any four questions from Q-2 to Q-8

Q-2	**Attempt all questions**	**(14)**
(1)	Describe Packaging Web Applications and One Click Publishing Web Applications	**05**
(2)	Explain Web.Config and Global.asax File with an example	**05**
(3)	How to Designing Master Page and Theme in ASP.NET	**04**
Q-3	**Attempt all questions**	**(14)**
(1)	How to Building Composite Controls and Hybrid Controls in custom controls	**05**
(2)	Describe reading dataset from XML and writing dataset with XML	**05**
(3)	Discuss any four Web Controls with an example	**04**
Q-4	**Attempt all questions**	**(14)**
(1)	Explain ADO .Net Architecture in brief	**07**

	(2)	Describe Grouping Controls in ASP.NET	**07**
Q-5	(1)	Discuss Various State Management Techniques in brief	**07**
	(2)	Explain Connected and DisConnected Architecture in ADO.N ET	**07**
Q-6	**Attempt all questions**		**(14)**
	(1)	Describe AdRotator Control and FileUpload Control	**07**
	(2)	Explain Microsoft .Net Framework in brief	**07**
Q-7	**Attempt all questions**		**(14)**
	(1)	How to using Data Services with a Service Reference and with a Data Context	**05**
	(2)	Explain Inheritance with its types with an example	**05**
	(3)	Discuss Components of .NET framework	**04**
Q-8	**Attempt all questions**		**(14)**
	(1)	Explain Security in ASP.NET	**07**
	(2)	Describe SiteMapPath Control , Menu Control and TreeView Control	**07**