



**NAVACHANA
UNIVERSITY**

a UGC recognized University

School: School of Engineering and Technology
Program/s: BCA
Year: 2nd **Semester:** 3rd
Examination: End Semester Examination
Examination year: December - 2021

Course Code: CA202 **Course Name:** .NET Technologies
Date: 02/12/2021
Time: 08:30 am to 10:30 am

Total Marks: 40
Total Pages: 1

Instructions:

- Write each answer on a new page.
- Use of a calculator is not permitted.
- Draw appropriate diagram wherever needed.
- *COs=Course Outcome mapping. # BTL=Bloom's Taxonomy Level mapping

Q. No.	Details	Marks	COs*	BTL#
Q.1	Introduce any 7 desktop app controls with their usage and properties and important events.	7	CO3	BT1, BT2, BT3
Q.2	State purpose of following Keywords: (1 mark each) ->override,static,protected,namespace,base	5	CO1, CO2	BT1, BT2, BT3
Q.3	Difference between ADO and ADO.NET.	7	CO4	BT1, BT2, BT4
Q.4	Give explanation for following line of code. (1 mark each) 1.SqlCommand cmd=new SqlCommand(string query,SqlConnection con); 2.SqlDataReader dr=dr.ExecuteReader(); 3.Dr.Read();(where dr is of SqlDataReader type) 4.Adp.fill(ds);(where adp is of SqlDataAdapter type and ds is of DataSet type) 5.ds.Tables["users"].Rows.Add();(Where ds is of type DataSet)	5	CO3, CO4	BT2
Q.5	Difference between Connected Environment and Disconnected Environment. or Difference between Inheritance and Abstract class.	5	CO4, CO2	BT1, BT2, BT4
Q.6	What is constructor in C#? Explain use of constructor with appropriate example.	5	CO2	BT1, BT2, BT3
Q.7	State purpose of following methods. (2 marks each) 1.ExecuteNonQuery() 2.ExecuteReader()	4	CO4	BT1, BT2, BT3
Q.8	Write a code to create an enumeration(enum) of weekdays	2	CO1	BT1, BT2, BT3

*****End of Question Paper*****