



Time: _____

S.NO	Answer All Questions	Max.Marks: 100					
		Choice	Options	Marks	CO	CO BTL	COI BTL
1.	Define an exception? Illustrate with example for exception handling in C#.	choice					
2.	A) Illustrate about Jagged arrays with an example. B) Illustrate about Multi-Dimensional Arrays with suitable example.	choice Q-2		10Marks	CO1	3	2
3.	Develop windows forms application for the following events i) MouseMove ii) MouseDown iii) Leave event (Focus related event)	choice Q-4		15Marks	CO1	3	3
4.	Assume that a form contains two textboxes and one button. If user has given any two numbers in the given textboxes, then you need to calculate the addition of two numbers when user clicks the button using classes and objects. Hint: here you need to create a class, and it contains 2 variables to store the data coming from form. And one parameterized constructor to initialize the data. And then one method to calculate the addition of 2 numbers. And you have to access this class from button_click() method.			15Marks	CO1	3	3
5.	Develop the logic for connecting with SqlServer using SqlConnection class without using explicit closing for the Connection object. And then write the logic for insert 1 record into above employee table. Hint: here without using explicit closing means, you must use 'using' block while creating connection as well as for creating SqlCommand object.	choice Q-6		10Marks	CO2	3	2
6.	A) Illustrate about different namespaces available for ADO.Net programming. B) If a form contains ComboBox. Implement the logic for loading all the directories in the users System when the Form loading at runtime.			10Marks	CO2	3	2
7.	Design an application to accept salary of an employee from the user and throw an exception if the salary is less than 5000. Hint: apply the userdefined exceptions By creating one User Defined Exception class like 'SalaryException'. And then write the main class to handle that exception.	choice Q-8		15Marks	CO2	3	3
8.	Develop a GUI application to change the shape of the Form when user select any one of the following shapes which are available in ComboBox(dropdown list). Shapes are: Circle, Ellipse and Triangle.			15Marks	CO2	3	3
9.	Design an asp.net application to explain about state management technique using Query String.	choice Q-10		10Marks	CO3	3	2
10.	<p>Create an application which will ask the user to input his name and a message, display the two items concatenated in a label, and change the format of the label using radio buttons and check boxes for selection, the user can make the label text bold, underlined or italic and change its color. include buttons to display the message in the label, clear the text boxes and label and exit.</p>			10Marks	CO3	3	2
11.	Design a website to implement chatting application with the help of following requirements: i) Create String array with 10 size as part of Global.aspx file. ii) Create a webform with the name login.aspx and keep one label (username) and TextBox and a button. If user clicks button his name has to be placed within Session and then request has to be transfer to ChatPage.html. iii) create one more webform with the name Messages.aspx and keep one TextBox and a button. If user click the button His message has to be added to the already existed messages in the Application object. iv) create one more web form with the name Display.aspx and keep one Label control with some height and width to display the messages coming from the client. For this implement the logic in Page_Load(). iv) write the logic for the webpage has to display the messages coming from the client. For this	choice Q-12		15Marks	CO3	3	3
12.	Implement an ASPNet application for the below page using PostBack submission. And write the code for the tasks below at server side. When user enter the account no and then press the button, -> Initialize the two dimensional string array with n number of records. ->Every record contains: accno, name and balance ->Then verify whether web user entered account number is there in the array or not ->If account number is there, then display the respective Name and Balance textboxes with the values which are there in the array. ->Otherwise just display a message like "Account number is not exist..."			15Marks	CO3	3	3

customer.aspx

Acc.No:

Name:

Balance:

Properties visible: false

Note: In post back submission, post backurl property not required.

13.	Assume that If a user fires the mousedown event on the form, you need to display an image at that location. To do this task Design a GUI application(Desktop) by using the following details: Take one image and convert it into PictureBox. And set the location for the picturebox using Point class object. Then finally add the picturebox control to the form.	choice Q-14	10Marks	CO4	3	2
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14.	Develop a website for online books purchase web application with the help of following diagram Hint: When user clicks the Register button, you have to perform business logic to findout total cost and you must print the books total cost inside Label.Text					
<p>Online Book Purchase Website</p>						
			10Marks	CO4	3	2

15.	Develop a web application for creating online examination website using In-Memory Cookies concept of state management in asp.net.	choice Q-16	15Marks	CO4	3	3
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16.	Develop a web application using Persistent cookie concept of state management by taking the help of given Diagram. Note: As per the diagram, when user selects Remember My Login checkbox, Server side you must use Persistent cookies concept to remember login parameters.					
			15Marks	CO4	3	3

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