BCA 209 :(Practical) GUI PROGRAMMING

Teaching Scheme (per week)		Examination Scheme					
Th. (hours)	**Pr. (hours)**	**Internal**		**External**		**Total**	
		Th. (marks)	**Pr. (marks)**	**Th. (marks)**	**Pr. (marks)**	**Th. (marks)**	**Pr. (marks)**
-	3	-	30	-	70	-	100

University Examination Duration : 3 Hours (per batch).

1. Write a program to calculate the sum of 100 natural numbers.
2. Write a program to calculate the sum of 100 odd numbers.
3. Write a program to display 'hello' in the text box when you click display hello button.
4. Write a sum program that allows user to select a number and then adds all the integers from 1 to the selected numbers.
5. Write a timer program using timer control.
6. Write a Program to Perform Stop Watch Usin g Timer Control
7. Write a draw program using mouse events.
8. Write a color program that let's you choose a color from a menu and paint the   program's window with the selected color. The program also lets you select the size of the program's window from a menu .
9. Write a dialogs program using the msgbox statement and msgbox () function to display various buttons in dialog boxes.
10. Write a Program Using Input Box Function.
11. Write a points program, which draws points at random, locations in a form.
12. Write a program that let's you to use different types of shapes.
13. Write a program by that displaying data in the tabular form.
14- Write a program with using simple data control and store information with the help of text box and insert into selected table.
15. Write a program to display two common dialog boxes the color selection and the open file dialog box.
16. Write a Program Using Treeview Control.
17. Write a Program to Set Directory List Box , Drive List Box , and File List Box
18. Write a program that includes three file sy stem control in it. You can use it to select a file from a drive and display the size of the selected file.
19. Write a Program to Making Calculator Using Control Array
20. Write a program to create random access file (the program lets you maintain a database file called phone.dat that keeps records of people and their phone numbers.
21 .Write a Program to Create Status Bar and Toolbar Control
19. Write a program in which the application provides convert exchange rate table for converting between u.s.dollor and the local currency of a selected country. To operate the program you simply pull down the country list and select a name.
23. Write a Program Using Flex Grid Control.
24. The database version of the international currency exchange data from an access database file named currency.mdb (you can develop this file directly in Microsoft Access or you can use the visual data manager add - in to create the database file.
25. With the use of multiple document interface write a VB program by which you can access any of multiple w indows. In these window you can place any picture or text or any other documents.
26. Write a VB program by which you can add, delete, modify, view the data from any table of access database with proper validation. For this operation you can use data controls and data manager.
27. Make one crystal report with or without wizard. For that you can use any of previous data table. Access this crystal report from any of your prepared VB form.

28. Prepare one complete VB form by which you can access another VB form. For that you can take an example of entering data of students information in one form students marks in other form relate these two from with another one on which display all information of students with marks and result. Prepare one -crystal reports also to print related information.
29. Write a Program Using ADO Data Control. (ADODC)
30. Create a dll component for database operation and use created component in another project. Required methods, events and properties
    Connect
    Add
    Delete
    Save
    Search
    Record navigation (first, next, previous, last) Generate Data Report
31 .Create a .Dll Component for Database Operation And Use Component in another Project, and Required method , Event, Property and use Proper Validation. Connect
    - Add
    - Delete
    - Update
    - Save
    - Search
    - Record Navigation (First, Next, Last, Previous)
    - General Data Report
32. Record Navigation (First ,Next ,Last ,Previous) Generate Data Report (you Must be Given Application Path) and Data Store Database as well as DataGrid 32.To Create Database Connectivity Using ADODB and Put Proper Validation Connect
    - Add
    - Delete
    - Update
    - Save
    - Search
    - Record Navigation (First, Next, Last, Previous)
    - General Data Report
33. To Create Database Connectivity Using DAO and Put Proper Validation
    - Connect
    - Add
    - Delete
    - Update Save Search
    - Record Navigation (First, Next, Last, Previous)
    - General Data Report
34. To Create Database Connectivity Using RDO and Put Proper Validation Connect
    - Add
    - Delete
    - Update
    - Save
    - Search
    - Record Navigation (First, Next, Last, Previous)
    - General Data Report
35. Create active-x user control for extending properties of text field and use a created control in to another project. Set following property, first character of contain convert in to capital.
36. Write a Program to Create a Notepad Using Common Dialog Control and Rich T ext Box.