LIST OF EXPERIMENTS

(1) 310042 (Office Automation)

SR.NO.	NAME OF PRACTICAL
1	Computer Fundamentals
2	DOS Command
3	Execute DOS Command using examples.
4	Introduction to windows & familarity with controls.
5	Introduction of Ms-Office & Internet usage
6	Introduction of Ms-Word.
7	Prepare Time-table in Ms-Word.
8	Prepare Document using By applying Formatting attribute.
9	Introduction of MS-Excel
10	Prepare Marksheet in MS-Excel
11	Prepare Bill in MS-Excel
12	Introduction of MS-PowerPoint.
13	Prepare Presentation by applying Formatting Tools.
14	Prepare Presentation using By applying Formatting Tools.
15	Introduction to HTML & formatting with HTML
16	Prepare list in HTML
17	Build resume in HTML

SR.NO.	NAME OF PRACTICAL
1	Write a program to check whether number is negative or positive & even or
	Odd
2	WAP to print arithmetic operation
3	WAP to print percentage and grade of student
4	WAP using logical & relational operator
5	WAP to compute real roots of quadratic equation
6	WAP to calculate gross salary of employee
7	WAP using switch-case
8	WAP to print sum of even and sum of odd no
9	WAP using loop
10	WAP to print reverse no and sum of all digit in a given number
11	WAP to print various patterns & Fibonacci series
12	WAP to check whether no is prime or not
	WAP to print prime no between 2 to 100
13	WAP to count positive, negative no until user inputs zero
14	WAP to sort array in ascending & descending order
15	WAP to print matrix addition
16	WAP using function to add two numbers
	1) void add(int,int) II) int add(int,int)
17	WAP to swap value using i) call by value & ii) call by reference
18	WAP using function that takes array as argument & print max & min no
19	WAP using nesting of function
20	WAP using recursion
21	WAP using pointer to print sum & average of five numbers
22	WAP to print reverse string & check whether string is palindrome or not

23	WAP using pointer to count character in a given string
24	WAP using structure
25	WAP using array of structure
26	WAP using file that read/write string
27	WAP to copy one file into another file
28	WAP using command line argument

SR.NO.	NAME OF PRACTICAL
1	Write an algorithm for push and pop Stack operations And write a program
	using array data structure
2	Write an algorithm for push and pop Stack operations And write a program
	using array pointer
3	Write an algorithm for insert and delete Queue operations And write
	a program using array data structure
4	Write an algorithm for insert and delete Queue operations And write
	a program using pointer
5	Write an algorithm and a Menu-Driven program for following Ordered
	Singly Linked List Operations :
	5.1 Addition into the list
	5.2 Deletion from the list and Display
	5.3 Searching into the list and Display
	5.4 Display the list
6	Write an algorithm and a Menu-Driven program for following
	Binary Tree Operations :
	6.1 Addition new nodes into the tree
	6.2 Deletion nodes from the tree
	6.3 Searching a node into the tree
	6.4 Display current node of the tree
7	Write an algorithm and a program for Sequential Search
8	Write an algorithm and a program for Binary Search
9	Write an algorithm and a program for Bubble Sort
10	Write an algorithm and a program for Selection Sort
11	Write an algorithm and a program for Insertion Sort
12	Write an algorithm and a program for Shell Sort
13	Write an algorithm and a program for Merge Sort
14	Write an algorithm and a program for Quick Sort

15	Write an algorithm and a program for Radix Sort
16	Write an algorithm and a program for
	16.1 Finding a length of a given sting
	16.2 Copying a string into another string
	16.3 Concatenating two string and compare it
	16.4 Finding a substring into a given string

SR. NO.	NAME OF PRACTICAL
1	To study the different types of logic gates.
2	To study the De Morgan's theorems.
3	To verify the boolean equation using logic gates.
4	To prove the NAND gate as universal gate.
5	To prove the NOR gate as universal gate.
6	To perform the half adder and full adder circuit.
7	To perform the half subtractor and full subractor circuit.
8	To study different types of flip-flop.
9	To design and perform the 4-bit asynchronous counter.
10	To study A/D and D/Aconverter cicuit.
11	To desgin and perform the 3 to 8 line decoder.
12	To perform the BCD to 7-segment decoder.

(5) 330702 (Prog. in C++)

SR.NO.	NAME OF PRACTICAL
1	Write c++ program to compute x=a2-2ab+b2/2ab.
2	Write a program to demonstrate scope resolution operator.
3	Write a program to swap value using Reference variable.
4	Write a program a program to print pattern.
5	Write a program to print charges for electricity.
6	Write a program using return by reference.
7	Write a program using Inline Function.
8	Write a program using Default Argument.
9	Write a program using Function Overloading.
10	Write a program using class and object to print student Detail.
11	Write a program using nesting of member function.
12	Write a program using static variable and static function.
13	Write a program using Array of Objects.
14	Write a program using friend function.
15	Write a program using default const parameterizes const and overload constructor.
16	Write a program using copy constructor and destructor.
17	Write a program using operator overloading.
18	Write a program using type conversion.
19	Write a program to implement various forms of inheritance & using virtual class.
20	Write a program using constructor in derived class & initialization.
21	Write a program using pointer to print Reg no & percentage.
22	Write a program using virtual function and runtime polymorphism.
23	Write a program using console I/O operation.
24	Write a program using file.
25	Write a program using template.
26	Write a program using exception handling.

(6) 330703(DBMS)

1	To Execute Various Query using DDL & DML
2	To Execute Various Query using DDL & DML **(6) 330703(DBMS)**
3	To Execute Various Query using DDL & DML
4	To Execute Various Query using DDL & DML
5	To Execute Various Query using Function & Set operation.
6	To Execute Various Join Operation using Table
7	To Execute Various Set Operation using Table
8	To Execute Various Query using Various function.
9	To Execute Various Query using Various function.
10	To Perform Different Sub Queries & Co-relate Query.
11	Write Queries using Relational Algebra.
12.	To Execute Various Constraints using Tables.
13	To Generate Report using Different Command.

(7) 340701(OS)

SR.NO.	NAME OF PRACTICAL
1	To study different commands of UNIX.
2	To run UNIX commands on file and directory Manipulation.
3	File searching and system related commands.
4	To study compound UNIX commands.
5	To study queries with Grep & sort command.
6	To study different shell scripts.
7	To write Shell script using control structures.
8	To write script using loop.
9	To write shell script for file test.
10	To write shell script using command line argument.

(8) 340703(VB)

SR.NO.	NAME OF PRACTICAL
1	Design calculator using various controls
2	Design Registration form
3	Design an application to make a bill using Combo Box & List Box
4	Design an application using Image Control & Picture Box
5	Design an application using scrollbar & timer
6	Design an application to draw Line & Shape
7	Design an application using File System Control & Common
	Dialog box Control
8	Design an application that explore OLE ctl
9	Design an application using Standard & Form Module
10	Design an application using Class Module
11	Develop a menu with MDI Form
12	Develop error handling routine in application
13	Develop error handling routine in application using Err object
14	Develop a small database entry form using ADO
15	Develop a small database management system using Data grid with ADO
16	Develop a small database management system using Data combo with ADO
17	Develop a small database management system using Data list with ADO
18	Develop a small application using Data Environment Object
19	Develop a small application using Data report Object

(9) 340704(RDBMS)

SR.NO.	NAME OF PRACTICAL
1	To execute various query using DDL & DML
2	To execute various query using DDL & DML
3	To execute various query by applying constraint and join operation
4	To execute various query using function & set operation
5	Perform subquerries & correlate querries
6	Create Synonym, Sequence & Index
7	Create, alter and update views
8	Write PL/SQL block using Control Statement, Loop Statement & Exception Handling
9	Write PL/SQL block using TCL
10	Write PL/SQL block using Implicit Cursor
11	Write PL/SQL block using Explicit Cursor
12	Write PL/SQL block using User-Defined Exception-Handling
13	Write PL/SQL block using Function, Procedure & Package
14	Write PL/SQL block using Package
15	Create Trigger
16	Create Report

SR.NO.	NAME OF PRACTICAL
1	To study about Data Flow Diagram.
2	Draw DFD of Payroll System.
3	Draw DFD of Book order System.
4	Analysis of Railway Reservation System
5	Analysis of Student Registration System.
6	Analysis of Library system.
7	Design Hospital Management system.
8	Design Hotel Management system.
9	Design an Account Payable system.
10	Design of Banking system

(11)350701(IAP)

SR.NO.	NAME OF PRACTICAL
1	Write a program using control structure of c#
2	Write a program using class and object
3	Write a program of data type conversion
4	Write a program of function and operator overloading
5	Write a program of user defined casting
6	Write a program using delegates & events
7	Write a program using string handling
8	Write a program using inheritance
9	Write a Program to display the caption, height of command button into label.
10	Write a Program using Exception Handling
11	Create a window through which user can enter details of employee and calculate gross salary.
12	Write a window program for list box. give the facility for adding, removing and clearing the list with conformation and store the deleted file in another list box.
13	Program which display details of employee appear in Grid and depending upon selection particular actual record will be appear in form.
14	Create an ASP. Net web Page using different validation control.
15	Create an ASP.net web page that lists the customer from customer's database table in sort able Data Grid with paging option.

SR.NO.	NAME OF PRACTICAL
1	To study introduction of 8086 microprocessor.
2	To Study different data transfer technique.
3	Write and execute the prog. Of addition of two bit number.
4	Write and execute the prog. Of subtraction of two bit number.
5	Write and execute the prog. Of multiply of two bit number.
6	Write and execute the prog. Of division of two bit number.
7	Write a program to find out largest number.
8	Write a program for binary to ASCII conversion.
9	Write a program to move a byte string.
10	Write a program to convert ASCII to packed BCD.

(13)350703 (Java Prog.)

SR.NO.	NAME OF PRACTICAL
1	Write a simple java program
2	Write a Program using Class & Object related programs
3	Write a Program using method overloading
4	Write a Program using Constructors
5	Write a Program using Final keyword, and static keyword
6	Write a Program using Command Line Arguments
7	Write a Program using Inheritance
8	Write a Program using Creating Package
9	Write a Program using Importing Packages and the scope of data in packages
10	Write a Program using Interface, Creating Multiple Inheritance using Interface
11	Write a Program using Exception Handling using pre-defined Exception Class
12	Write a Program using Creating User-defined Exception Class
13	Write a Program using Multi-Threading Programming
14	Write a Program using I/O stream class, Reading the data from Console Input
15	Write a Program using String Handling Programs
16	Write a Program using Vector Class
17	Write a Program using Creating Applet
18	Write a Program using Event Handling Program
19	Write a Program for Applet using AWT classes, Frame and File Dialog
20	Write a Program for Applet using Layout and Menus
21	Write a Program using JDBC

(14)350704 (Computer Networks)

SR.NO.	NAME OF PRACTICAL
1	Install and test various N/W Connectors, Cable etc.
2	Install and test various N/W Cards.
3	Study of N/W class and addressing
4	Prepare computer system for network.
5	Install N/W file server.
6	Install N/W printer server.
7	To study of internet.
8	To study a different kind of internet.
9	To study of router, repeater and bridge.
10	Install and test N/W operating syste.
11	Prepare Proxy server.

(15)360701 (PHP & MY SQL)

SR.NO	TITLE
1.	Write down a simple php program that display a welcome message.
2.	Write down a php program to find average number from all the given number using constant and variable.
3.	Display or print the details of students in tabular format using associative and multidimentional array in sorted form.
4.	Write a program to calculate electricity bill using control structure.
5.	Write a program using loop structure to select a date using drop down listbox.
6.	Write a php program using different variable functions.
7.	Write php script for testing string function.
8.	Write php script for testing math and date functions.
9.	Write php script for testing array function.
10.	Write php script for testing file function.
11.	Write a program for creating form using buttons,textboxes and other form elements using $_POST method to retrieve data.
12.	Write a program for creating form using buttons, textboxes and other form elements using $_GET method to retrieve data.
13.	Write php script to passing hidden information to the form processing script hidden form controls.
14.	Write a php script to passing variable between pages using URL query string.
15.	Write a php script to pass the variable using session.
16.	Write a php script to pass the variable using cookie.
17.	Write a php script for error handling using custom created error message.
18.	Write a php script for exception handling.
19	Enabling php setup to include the GD library.
20.	Allowing the user to upload their own images.
21.	Write a php script to connect php with mysql database.
22.	Write a php script to retrieve data contains in mysql databse.

23.	Write a program for joining and referencing table concept.
24.	Connect to the database from your website.
25.	Programs to manipulate the table.

(16) Date base Prog.with VB.Net (360702)

SR. NO.	NAME OF PRACTICAL
1.	Demonstrate the use of Listbox control.
2.	Demonstrate the use of TreeView control.
3.	ADO.net connectivity with SQL – Server.
4.	Use of datagridview with and without database connectivity.
5.	Demonstrate how to validate control using logic.
6.	Write small application using Crystal report. Generate at least 3 report.
7.	Create a simple XML Web Service Using parameters.

(17) NETWORK OPERATING SYSTEM (360708)

SR. NO.	EXPERIMENT LIST
1.	Advantages and disadvantages of various NOS.
2.	Installation of NOS. (Windows 2003)
3.	Configuration of network environment.
4.	Managing system policy and file system.
5.	Creating and managing partition.
6.	Creating user account.
7.	Creating group account.
8.	Managing Hardware Rsources – Printer, Modem, CD Drive etc.
9.	Managing Software Rsources – Installation and Updation of Softwares.
10.	Configuration of clients.