Q.1 – Write a java program to accept n names of cites from user and display them in descending order. [15]

Q.2 – Design a screen in Java to handle the Mouse Events such as MOUSE\_MOVED and MOUSE\_CLICK and display the position of the Mouse\_Click in a TextField. [25]

Q.3 – Write a PHP script to accept a string from the user and display the message whether it is a palindrome or not. [15]

Q.4 – Write a menu driven program to perform the following operations on an

associative array:

* 1. Display the elements of an array along with the keys.
  2. Display the size of an array
  3. Delete an element from an array from the given key/index.
  4. Reverse the order of each element’s key-value pair [Hint: use array\_flip()]
  5. Traverse the elements in an array in random order [[Hint: use shuffle()].

[25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 - Write a java program to read the characters from a file, if a character is alphabet then reverse its case, if not then display its category on the Screen. (whether it is Digit or Space) [15]

Q.2 - Write a java program to accept the details of ‘n’ employees (EName, Salary) from the user, store them into the Hashtable and displays the Employee Names having maximum Salary. [25]

Q.3 - Write a menu driven program to perform the following operations on an

associative array:

* 1. Reverse the order of each element’s key-value pair [Hint: use array\_flip()]
  2. Traverse the elements in an array in random order [[Hint: use shuffle()]. [15]

Q.4 - Declare a Multidimensional Array. Display specific element from a Multidimensional array. Also delete given element from the Multidimensional array. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Write a java program to accept a number from the user, if number is zero then throw user defined Exception “Number is 0” otherwise calculate the sum of first and last digit of a given number (Use static keyword). [15]

Q.2 - Create a calculator with functionality in an Applet. [25]



Q.3 - Write a PHP script to create a login screen to accept username and password. Print the message “Password is correct!” if the password matches “Abcd1234” for the “Admin” username. For any other username / password combination, print the message “Password is incorrect! Try again!”. [15]

Q.4 - Write class declarations and member function definitions for an employee(code, name, designation). Design derived classes as emp\_account(account\_no, joining\_date) from employee and emp\_sal(basic\_pay, earnings, deduction) from emp\_account. Write a menu driven program

* 1. to build a master table
  2. to sort all entries
  3. to search an entry
  4. Display salary. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 - Write a java program to display “Hello Java” with settings Font- Georgia, Foreground color- Red, background color – Blue on the Frame (Use Label) [15]

Q.2 – Write a java program to copy the contents of one file into the another file, while copying change the case of alphabets and replace all the digits by ‘\*’ in target file. [25]

Q.3 - Write a PHP script to accept names of 10 cities through a HTML form and display the cities in alphabetical order. [15]

Q.4 - Write a PHP script to sort the following associative array : array("Rahul"=>"31","Jui"=>"41","veena"=>"39","Rijul"=>"40") in

* 1. ascending order sort by value
  2. ascending order sort by Key
  3. descending order sorting by Value
  4. descending order sorting by Key [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Define an abstract class Shape with abstract methods area() and volume(). Write a java program to calculate area and volume of Cone and Cylinder and Sphere. [15]

Q.2 - Write an applet application in Java for designing Temple. [25]

Q.3 - Write a PHP script to upload an image file without any file size restriction in the folder called ‘images”. [15]

Q.4 - Create result of 10 students whose names, roll numbers, marks in internal and external examinations in WT subject have been accepted and the results are displayed in the order of highest to lowest marks. Store the result sheet in a text file. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Write a package for Games in Java, which have two classes Indoor and Outdoor. Use a function display () to generate the list of players for the specific games. (Use Parameterized constructor, finalize() method and Array Of Objects) [15]

Q.2 - Write a Java program to design a screen using Awt that will take a user name and password. If the user name and password are not same, raise an Exception with appropriate message. User can have 3 login chances only. Use clear button to clear the TextFields. [25]

Q.3 - Write a Ajax program to print a text file. [15]

Q.4 - Create a login form with a username and password. Once the user logs in, the second form should be displayed to accept user details (name, city, phoneno). If the user doesn’t enter information within a specified time limit, expire his session and give a warning. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Define an Interface Shape with abstract method area(). Write a java program to calculate an area of Circle and Sphere.(use final keyword) [15]

Q.2 - Write a Java program to design a screen using Swing that will create four TextFields. First for the text, second for what to find and third for replace. Display result in the fourth TextField. Display the count of total no. of replacements made. The button clear to clear the TextFields. [25]

Enter Text

Text To Find

Text to Replace

No. Of occurrences

Find

Find and Replace

Replace

Clear

Q.3 - Write a PHP program to display minimum, maximum and average salary of an employee.(use emp and dept table from database) [15]

Q.4 - Write a PHP program to display the details of a Doctor as per the hospital name is entered in textbox.(use hospital and doctor table from database) [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Write a program in Java to check whether the number given by the user is a Krishna Murthy number or not.

Krishna Murthy Number : It is a number which is equal to the sum of the factorials of all its digits. [15]

Q.2 – Write a java Program to accept ‘n’ no’s through the command line and store all the prime no’s and perfect no’s into the different arrays and display both the arrays. [25]

Q.3 - Write a PHP program to accept 10 names of students and store those names one below the other in a text file “studentlist.txt” with first line in this text file being “List of Students”. [15]

Q.4 - Write Ajax program to print Movie details by selecting an Actor’s name. Create table MOVIE and ACTOR as follows with 1 : M cardinality MOVIE (mno, mname, release\_yr) and ACTOR(ano, aname) [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 - Write a java program to read n Students names from user, store them into the ArrayList collection. The program should not allow duplicate names. Display the names in Ascending order. [15]

Q.2 - Write a java program which accepts an email address of user. If the email does not contain ‘@’ symbol, then throw an user defined exception ‘Invalid email id’. [25]

Q.3 - Write a PHP script to connect to the database “bmcc\_students” and display the message “Database connection successful”. [15]

Q.4 - Write a PHP script to accept name, phone and email address from a HTML form and store this data in a table called “customers” in “orders” database. Assume that “customers” table has only name, phone and email address fields. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 - Write a java program to accept n employee names from user, store them into the LinkedList class and display them by using. [15]

1. Iterator Interface

b. ListIterator Interface (reverse order)

Q.2 - Write an applet application in Java for smiling face. [25]

Q.3 - Write a PHP script to upload only PDF type of file that has file size less than 1 MB, into the folder “pdf\_uploads”. [15]

Q.4 - Write a PHP script to create a text file named mydata.txt and write into it a small essay of 5 lines which is accepted through a HTML form. [25]

Q.5 – Journal [10]

Q.6 – Viva [10]

Q.1 – Write a java program to display the contents of a file in reverse order. (15)

Q.2 - Define a class Student with attributes rollno and name. Define default and parameterized constructor. Override the toString() method. Keep the count of Objects created. Create objects using parameterized constructor and Display the object count after each object is created. (25)

Q.3 –

Q.4 –

Q.5 - Journal (10)

Q.6 – Viva (10)

Q.1 – Write a java program that displays the number of characters, lines & words from a file.

(15)

Q.2 - Define an Employee class with suitable attributes having getSalary() method, which returns salary withdrawn by a particular employee. Write a class Manager which extends a class Employee, override the getSalary() method, which will return salary of manager by adding traveling allowance, house rent allowance etc. (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

Q.1 – Write a Java program to print palindrome numbers from 1 to 200. (15)

Q.2 – Write a java program to design a following GUI (Use Swing). (25)



Q.3 –

Q.4 –

Q.5 - Journal (10)

Q.6 – Viva (10)

Q.1 – Write a java program to read n students names from user, store them into linkedlist collection. Display the names in ascending order. (15)

Q.2 – Write a Java program to create class Employee (eno,ename,age,salary).If age is less than 18 then raise an exception ‘Age not valid Exception’ else display the record . (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

Q.1 – Write a Java program to enter elements in a TreeSet and print it. (15)

Q.2 – Write a java program to accept string from user, if its length is less than 6, then throw user defined exception “Invalid String” otherwise display string in upper case. (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

## Q.1 – Write a Java Program to determine whether a given string is palindrome. (15)

Q.2 – Write a java program using swing that accept item name, item quantity and price and display total amount as an output (in separate textbox). (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

Q.1 – Write a Java program to display the working of AnonymousInnerClass. (15)

Q.2 – Write an awt program to display 2 buttons “Good Morning” and “Good Evening”. Same message should be displayed when the respective button is clicked. (Using Swing) (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

Q.1 – WAP in java to accept a string from the user and display each word of the string in reverse order. Ex - "Hello World" is displayed as “olleH dlroW” (15)

Q.2 – Write a Java AWT program to display various key events . (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – viva (10)

Q.1 – Write an awt program with 3 buttons, “Yes”, ”No”, “Maybe”. Display the corresponding message when clicked. (15)

Q.2 – Print the following patterns by giving a choice to the user (25)

1 1234

12 123

123 12

1234 1

123 12

12 123

1 1234

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)

Q.1 – Write a Java program to accept a number from the user and find the square root of the same (15)

Q.2 – Write an AWT application that contains a frame and two buttons “RED” and “BLUE”. On clicking the button give respective colour to the frame (25)

Q.3 –

Q.4 –

Q.5 – Journal (10)

Q.6 – Viva (10)