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 names of 10 cities through a HTML form and display the cities in alphabetical order. [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]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. - 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]

* 1. - Write a PHP script to accept a string from the user and display the message whether it is a palindrome or not.

[15]

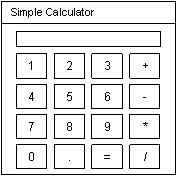
Q.4 - Write a PHP script to sort the following associative array : array("Rahul"=>"31","Jui"=>"41","veena"=>"39","Rijul"=>"40") in

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]

* 1. – Journal [10]
  2. – Viva [10]

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

1. 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]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. – 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]

* 1. - Declare a Multidimensional Array. Display specific element from a Multidimensional array. Also delete given element from the Multidimensional array [15]

* 1. - 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]

* 1. – Journal [10]

* 1. – Viva [10]

* 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]

* 1. - Write an applet application in Java for designing Temple. [25]

* 1. - 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]
  2. - 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]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. - 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]

* 1. - Create a text file with this text – “I am a student of BMCC. I am studying in SYBBA (CA).” and name it aboutme.txt, after which write a PHP script to display the contents of this file and add the following line to it. “I like to play sports, read books and play music.” and display the file content. [15]
  2. - Write a PHP program to display minimum, maximum and average salary of an employee.(use emp and dept table from database) [25]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. - 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]

6



E

nter Text



Text To Find



Text to Replace



No. Of occurrences



Find



Find and Replace



Replace



Clear

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

* 1. - Write Ajax program to fetch suggestions when is user is typing in a textbox. (eg like google suggestions. Hint create array of suggestions and matching string will be displayed )

[25]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. – 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]

* 1. - Write an Ajax program to print a text file. [15]
  2. - 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]

* 1. – Journal [10]
  2. – Viva [10]

* 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]

* 1. - 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]

* 1. - Write a PHP script to connect to the database “bmcc\_students” and display the message “Database connection successful”. [15]
  2. - 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]

* 1. – Journal [10]
  2. – 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
2. ListIterator Interface (reverse order)

* 1. - Write an applet application in Java for smiling face. [25]

* 1. - 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]

* 1. - Write a PHP script to upload only PDF type of file that has file size less than 1 MB, into the folder “pdf\_uploads”.. [25]

* 1. – Journal [10]
  2. – Viva [10]

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

* 1. - 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)

* 1. – Define an interface which has methods area(), volume(). Define constant PI. Create a class cylinder which implements this interface and calculate area and volume. [15]

1. 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

a. to build a master table

b. to sort all entries

c. to search an entry

d. Display salary. (25)

* 1. - Journal (10)
  2. – Viva (10)

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

(15)

* 1. - 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)

* 1. – Write a script to keep track of number of times the web page has been accessed. (15)

* 1. – 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)

* 1. – Journal

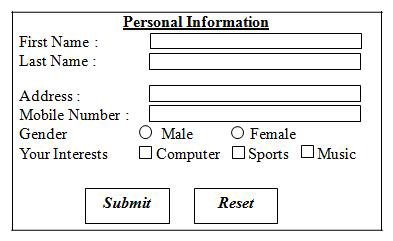
(10)

* 1. – Viva (10)

* 1. – Write a Java program to print palindrome numbers from 1 to 200.

(15)

* 1. – Write a java program to design a following GUI (Use Swing). (25)



* 1. – Create a form to accept student information (name, class, address). Once the student information is accepted, accept marks in next form (Phy, Bio, Chem, Maths, Marathi, English) .Display the mark sheet for the student in the next form containing name, class, marks of the subject, total and percentage. (15)

* 1. – Write PHP program to accept a string and print its md5(), sha1() and encrypt() output. In the output, first print original string. (25)

* 1. - Journal (10)
  2. – Viva (10)

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

(15)

* 1. – 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)

* 1. – Write a program to change the color of the elements using jQuery. (15)

* 1. – Write AJAX program to search for category of items from the masteritemlist table from the database named hb. Display the name of the item, and its price. (25)

* 1. – Journal (10)

* 1. – Viva (10)

* 1. – Write a Java program to enter elements in a TreeSet and print it.

(15)

* 1. – 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)

* 1. – Write a program to show hide/show and fade effect using jQuery. (15)

* 1. – Write a PHP program to validate the data from a self-processing form containing username and password for empty string. (25)

* 1. – Journal (10)

* 1. – Viva (10)

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

* 1. – Write a program for animation effect in jQuery. (15)

* 1. – Write a PHP program that uses PDO to get connected with a database called “students” and selects data from the table “SYBCA” to display rollno, student\_name in a table that has borders around it. (25)

* 1. – Journal (10)
  2. – Viva (10)

* 1. – Write a Java program to display the working of AnonymousInnerClass.

(15)

* 1. – 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)

* 1. – Write a program for fading effect in jQuery by Setting the duration. (15)

* 1. – Write a self processing form using PHP to collect data from the user such as name, address, city, email and phone and after validating it for correct data, stores the data in the table “customers” in a database called “orders”. (25)

* 1. – Journal (10)
  2. – Viva (10)

* 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)

* 1. – Write a Java AWT program to display various key events . (25)

1. Write a PHP program to read an XML file called “books.xml” and print the contents of the file. The books.xml file has details of books such as title, author, year, publisher. This books database in the xml file has the following structure:

<library>

<book>

<title>…… </title>

<author>…… </author>

<year>……. </year>

<publisher>….. </publisher>

</book>

<book>……. </book>

</library> (15)

* 1. – Write a PHP program to create a calculator that will display the addition, subtraction, division and multiplication symbols and will print the result for two numbers accepted from the user by selecting any operation from the menu. (25)

* 1. – Journal (10)
  2. – viva (10)

* 1. – Write an awt program with 3 buttons, “Yes”, ”No”, “Maybe”. Display the

corresponding message when clicked. (15)

* 1. – 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 – Write a PHP program to create a sign-up form for the user that accepts user\_name, login\_id, user\_pwd and stores it in “users” table. Use PDO for this program. (15)

Q.4 – Write a PHP program to accept a string from the user and display it as a) reverse string, b) lowercase string, c) uppercase string, d) first two characters of the string, e) replace first character by the string BMCC. (25)

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 – Write a PHP program to create session variable myname after fetching the valid data from the “users” table for user Admin and password “abcd1234”. (15)

Q.4 – Write a PHP program to accept how many number of values from the user first and then accept those values from the user. Store this data in a .txt file called “mydata.txt”. Reopen this file, read all the values and find average, minimum and maximum of these values. (25)

Q.5 – Journal (10)

Q.6 – Viva (10)