ICSE SEMESTER II EXAMINATION

SAMPLE QUESTION PAPER

COMPUTER APPLICATIONS
Class X
Full Marks:50

SECTION A
*(Attempt **all** questions.)*

Question 1

Fill in the blanks

a) _____method is used to join two strings.

b)The return type of the statement equals( ) is _____.

c) String declaration is terminated by the symbol _____

d)_____ operator is used to concatenate two strings.

f)System.out.println("COMPUTER".charAt(4)); output is_____

g) boolean p;
p = ("BLUEJ".length() > "bluej".length()) ? true: false;
output is_____

h) System.out.println("computer".substring(1,5));

Output is_____

i) String n = "Computer Knowledge";
String m = "Computer Applications";
System.out.println(n.substring(0,8).concat(m.substring(9)));
Output is_____

j) compareTo() function compares two strings lexicographically. Its return
type is_____.

SECTION B
(Attempt any four questions.)

Question 2

Java program to display number of uppercase letters, Lowercase letters, Numerals, Vowels, Spaces and Special characters contained in a string entered by the user.

Question 3

Write a program to accept a string. Display the new string after reversing each character of the word.
 * Input: New Delhi is the capital of India
 * Output: weN ihleD si eht latipac fo aidnI

Question 4

Write a Program in Java to input a string and check whether it is a Unique string or not.
 input: 'computer' it is unique
input : 'application' it is not unique

Question 5

Write a program in Java to enter a sentence. Frame a word by joining all the first characters of each word of the sentence. Display the word.
Sample Input: Vital Information Resource Under Seize
Sample Output: VIRUS

Question 6

Special words are those words which starts and ends with the same letter.
Examples: EXISTENCE
        COMIC
        WINDOW
 Palindrome words are those words which read the same from left to right and vice versa
Examples: MALAYALAM MADAM
 All palindromes are special words, but all special words are not Palindromes.
Write a program to accept a word check and print whether the word is a palindrome or only special word.