ICSE SEMESTER 2 EXAMINATION

SAMPLE QUESTION PAPER

COMPUTER APPLICATIONS
Class X
Full Marks:50
SECTION A
*(Attempt **all** questions.)*

Question 1

Choose the correct answers to the questions from the given options. (Do not copy the question, Write the correct answer only.)

a) String is an object of _____ class that represents a sequence of characters.
I. Java
II. String
III. Object
IV. Character

b) toLowerCase() function returns a _____ value.
I. String
II. Char
III. Boolean
IV. None of these

c)charAt() function return a _____ value.
I. int
II. Char
III. Double
IV. None of these

d) equals() function returns a _____ value.
I. int
II. char
III. double
IV. boolean

e)_____removes the extra white spaces before and after the string.
I. replaced()
II. reverse()
III. trim()
IV. substring()

f) Given the code:
String b1="yes";
String b2="yes";
String b3=new string(b1);
Which of the following would equate to true?

    I.   b1==b2
   II.   b3==b1
  III.   b1.equals(b2)
  IV.   b3.equal(b1)

g) The string in java program is written within
    I.   Single quotes
   II.   <>
  III.   Double quotes
  IV.   {}

h)The string "Hello Boys" contains_____ characters.
    I.   10
   II.   9
  III.   11
  IV.   None of the these

i) A program segment is as follows-
char a;
a="tdmalhotra".charAt(4);
What will be the result of the segment?
    I.   m
   II.   l
  III.   a
  IV.   None of these

j) Which of the following can be used to concatenate two strings?
    I.   + operator
   II.   && operator
  III.   toCharArray
  IV.   None of these

SECTION B

(Attempt any four questions.)

Question 2

Write a program to input a sentence. Find and display the following:
(i) Number of words present in the sentence
(ii) Number of letters present in the sentence
Assume that the sentence has neither include any digit nor a special character.

Question 3

Write a program in Java to accept a word/a String and display the new string after removing all the vowels present in it.
Sample Input: COMPUTER APPLICATIONS
Sample Output: CMPTR PPLCTNS

Question 4

Write a program in Java to accept a name(Containing three words) and Display only the initials (i.e., first letter of each word).
Sample Input: LAL KRISHNA ADVANI
Sample Output: L K A

Question 5

Write a program to accept a sentence. Display the sentence in reversing order of its word.
Sample Input: Computer is Fun
Sample Output: Fun is Computer

Question 6

Write a program to accept a string. Convert the string into upper case letters. Count and output the number of double letter sequences that exist in the string.
Sample Input: "SHE WAS FEEDING THE LITTLE RABBIT WITH AN APPLE"
Sample Output: 4