logic

Q1) Count = 1

for (i=1 to Str. length())

Char ch = Str. CharAt(i);

if (ch == 'a' || ch == 'i' || ch == 'o' || ch == 'e' ||

ch == 'u')

Count++

Q4) ① Convert all character's to lowercase

Str = Str. Lowercase();

Str1 = Str1. Lowercase();

② check lengths are equal or not

if (Str. length() = Str1. length())

③ Convert to Array

Char[] StrArray = Str. toCharArray();

char[] Str1Array = Str1. toCharArray();

④ Sort

Arrays. Sort (StrArray);

Arrays. sort (Str1Array);

⑤ boolean result = Arrays. equals (StrArray,
Str1Array);