Started on	Tuesday, 10 May 2022, 10:32 AM
State	Finished
Completed on	Tuesday, 10 May 2022, 10:41 AM
Time taken	8 mins 52 secs
Marks	4.00/5.00
Grade	**80.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

```
Integer p,q,r
    Set p=7,q=6,r=10
     if((q+p) < (5-q))
           if((q-p) >(p+q))
                 q=10+r
                 p=q+p
                 r=(p+q)+q
           End if
       Else
                 if((p+6) > (r-p))
                      r=(r+10)^r
                 End if
           End if


 Print p+q+r


Note- ^ is the bitwise exclusive OR operator that compares each
bit of its first operand to the corresponding bit of the one bit
is 0 and the other bit is 1, the corresponding result bit is set
to 1. Otherwise, the corresponding result bit is set to 0.
```

Select one:

- a. 55
- b. 46
- ○ c. 43
- d. 40

what will be the output of the following pseudocode?

```
Integer a,b,c
Set a=6,b=8,c=10
For( each c from 2 to 4)
        b=(2+5)+a
    if((8+3) < (6+b))
          b=b+b
          a=10&c
      Else
            Jump out of the loop
      End if
            a=(8+7)+c
      End for
print a+b
```

Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

Select one:

- ○ a. 89
- ◉ b. 74
- ○ c. 59
- ○ d. 88

```
what will be the output of the following pseudocode ?

String st1 ="hello" ,str2="world"
print (countConso(upper(reverse(str2)+reverse(str1))))

Note - reverse(string) will reverse the string , eg - reverse("a
bc") returns "cba"
countConso(string) will return the number of consonanats in the
string
eg countConso("abcde") return 3

upper(string) will change from lower case to upper case
eg upper("Hello") return "HELLO"



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```

Select one:

- ○ a. 10
- ○ b. 8
- ○ c. 6
- ◉ d. 7

Question 4

Complete

Mark 1.00 out of 1.00

What will be the output of the following pseudocode?

```
String str1 = "Qoq", str2="oqo";
Print (countVowel(lower(lower(str1)+lower(str2)+lower(str1))))
```

Note: countVowel(string) returns the number of vowels in the string, e.g. countVowel("okay") returns 2. lower(string) converts all the letters of the string to lower case, e.g. lower("OkaY") returns "okay".

Select one:

- a. 0
- b. 7
- c. 12
- d. 4

Question 5

Complete

Mark 1.00 out of 1.00

```
what is the output of the below pseudocode ?

Integer p,q,r
Set p=7, q=3, r= 8

  if((q+r)>(r-q))
        q=7+9+r
        p=p+q+r
     Else
         Jump out of the loop
     End if
Print p+q
```

Select one:

- a. 56
- b. 65
- c. 59
- d. 63