CSU33071 Test 2

In the following questions the test cases are listed on a couple of lines separated by space characters.
The space characters are not part of the test cases, but each test case will have a newline character \n appended at the end, which will be matched by a $ symbol in the regular expression.

Note: zero is 0, uppercase letter is O, lowercase is o

Q 1.1

How many of the following 15 strings (whitespace and \n indicate a new string and are not part of the test data)

yyySSS yyyySS SSSSSSSS ddyyd SSSSddd ddddd dddddd yydddd yyddd
dddSSSS yyydS ddyyy SSyyyS SSSyyyS yyySSyy

are matched at least once, in part or whole, by the Flex regular expression

d[a-z]S

(A) 6 (B) 11 (C) 1 (D) 8 (E) 13 (F) OTHER

Q 1.2

How many of the following 15 strings (whitespace and \n indicate a new string and are not part of the test data)

BBBBBlll xxBBB xxxlllBBB xxxxB BBBxB BBBl xBBBx xlBB Blllll xxxxxx
xlxxx lllllll BBBBBxx xxxxxBBB lxB

are matched at least once, in part or whole, by the Flex regular expression

l[^a-z]B

(A) 8 (B) 10 (C) 5 (D) 2 (E) 7 (F) OTHER

Q 1.3

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

mmmI mmmmII mmmmmmIII IIImI mmIImmm IIIIII mmmmmmmm mmmmmmm IIIImm
mmmII mmmm Immmm mmmIIImmm mImm IImmm

are matched at least once, in part or whole, by the Flex regular expression

m[^A-Z]I

(A) 9 (B) 6 (C) 15 (D) 14 (E) 13 (F) OTHER

Q 1.4

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

xxMxxx xxrrrMM rrxxMMM rrrMMxxx rMMx xxxrMMM rrMMxxx rrrrrr xxxx
xxMMMMMM xxxxrr MMMxxxxx xxxMM xxMMMxx MrMMM

are matched at least once, in part or whole, by the Flex regular expression

rr[a-zA-Z][a-zA-Z]+x

(A) 2 (B) 5 (C) 8 (D) 15 (E) 14 (F) OTHER

Q 1.5

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

GGuuG GGGcGG uccGG uuuGGGG uuuuc GGGu uuuGGGc cccuuu uuuccu ccccuuu
uccu uGGGGG GuuuGGG uuuuuuuu cuuu

are matched at least once, in part or whole, by the Flex regular expression

u[a-zA-Z][a-zA-Z]?cc

(A) 15 (B) 13 (C) 1 (D) 4 (E) 10 (F) OTHER

Q 1.6

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

MMMjjjj MMxxxxx jMMMM xMMMM MMjM jjjxx jMMMxx MMMx jMMMx xxxMM
jjxxxMM xxjjMM xMMM xxjjjxxx MMMjjjjj

are matched at least once, in part or whole, by the Flex regular expression

x[a-zA-Z]{1,2}jj

(A) 2 (B) 7 (C) 10 (D) 14 (E) 8 (F) OTHER

Q 1.7

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

mmzz Mmmmm zzmmm MMzzm zzmmz zMMzz zzzzz mzzM mmMM zzMMmm mzzmm
MMzzM MMmmMM zzzzmm mmzmm

are matched at least once, in part or whole, by the Flex regular expression

([A-Z]{2,3}|[a-z]{4})

(A) 9 (B) 14 (C) 8 (D) 11 (E) 12 (F) OTHER

Q 1.8

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

jjbI jjbbbb jjjjb jjjIIj IIIjjj bbbjjj bbbjjb IIjj bbbbbII IIbbbII
bbIjj jjjjjb bjjjIII jjbbbbbb bbIj

are matched at least once, in part or whole, by the Flex regular expression

..jI.

(A) 4 (B) 2 (C) 3 (D) 7 (E) 15 (F) OTHER

Q 1.9

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

qeJ qeq qJe qJq eee eeq JJe qee JJq eeJ Jqe Jee qqq eJJ eqJ

are matched at least once, in part or whole, by the Flex regular expression

^[a-z]

(A) 12 (B) 8 (C) 4 (D) 6 (E) 11 (F) OTHER

Q 1.10

How many of the following 15 strings (whitespace and \n indicate a
new string and are not part of the test data)

tAw tAww Attww wAAA wwttAA tAAw twAA AAwtt Attw wttAA AtAA AAtA
wwwtt wwwww ttwww

are matched at least once, in part or whole, by the Flex regular expression

^(w|A|[A-Z]+)

(A) 6 (B) 12 (C) 14 (D) 13 (E) 10 (F) OTHER