

3071 Test 1

Q A.1

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

ppIIIOo ooopppoo ooI ooooIII oIIpp Ipp IIoop IIIIII pppoo oooppIII
ppppoo pppIpp ooopppp IIppoo ppIIIII

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

p[a-z]I

(A) 4 (B) 9 (C) 7 (D) 11 (E) 2 (F) OTHER (4 marks)

Q A.2

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

CCCC CCCC CCl llll CCll CCcl llL CCC lC llCCC llC llll llllll
llCC CCll

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

l[A-Z]C

(A) 5 (B) 2 (C) 13 (D) 4 (E) 1 (F) OTHER (4 marks)

Q A.3

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

ggKKg gmm mgggKKK KKKKg ggKmm KmmKKK mmmgmm mmmKKg mgg gggmm
mmmKK ggKKKmm mKKKg ggggmm KKKmm

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

m[a-zA-Z]K

(A) 15 (B) 12 (C) 1 (D) 4 (E) 3 (F) OTHER (4 marks)

Q A.4

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

x000xxx 00www wwwxxx xxx00w wwwwww 0x0 wwwwx 00xxx00 xxxxwww
0000000 wx000 0www w000ww xwwwx 00www00

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

`ww[a-zA-Z][a-zA-Z]+x`

(A) 11 (B) 15 (C) 2 (D) 9 (E) 3 (F) OTHER (4 marks)

Q A.5

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

vvKvvv KKKKKK Kv KKKnK KvKKKK vvvv nnKn nnnKvv KKKKKvv nnnnnvv
vvnnnn KKKnnnnn nnKKKKK vvKvv nnnvvv

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

`n[a-zA-Z]{2}vv`

(A) 3 (B) 12 (C) 9 (D) 5 (E) 10 (F) OTHER (4 marks)

Q A.6

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

XXXffppp XXfX fffppff pppppp pppXXf ffffp pppffp XXXpfff fXXfff
fXXpp fffffffppp fppppp XXXfff XXppfff ffffppp

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

`f[a-zA-Z]{1,2}pp`

(A) 15 (B) 2 (C) 6 (D) 8 (E) 9 (F) OTHER (4 marks)

Q A.7

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

g0000 nn0n 00nngg 00000 ggggg nnnn ggnn0 n0000 000n ngg0 00ng gg00
000g nngggg 00gggg

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

(g{2,3}|nnn?)

(A) 12 (B) 9 (C) 1 (D) 5 (E) 4 (F) OTHER (4 marks)

Q A.8

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

kkkLLLLL ktttttt kkkkk tttLLLLL Lkkkkk kktL kkkkkkttt kkLLLLLL
ttLLLLLL tttkkk LLttttt tkkkkkk LLkttt kLLLL kkkkkk

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

..kL.

(A) 1 (B) 12 (C) 7 (D) 9 (E) 8 (F) OTHER (4 marks)

Q A.9

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

kkv vkC vvC kvC CcK kkk kvk Ckv CkC CCv vCC Cvk Ckk vvv vkk

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

^[a-z]

(A) 10 (B) 7 (C) 4 (D) 15 (E) 9 (F) OTHER (4 marks)

Q A.10

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

mmmp m00mm 000m pppppp ppm00 000000 00pp0 ppp00 0p0 mmmm 000pp 00m
mm0000 pp00mm mp00

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

`(p{2}|0{1,2}|[A-M]+)$`

(A) 9 (B) 10 (C) 8 (D) 2 (E) 4 (F) OTHER (4 marks)