

12. The following questions refer to the array L.

$$L = \begin{bmatrix} 2 & 4 & 1 \\ 2 & 3 & 1 \end{bmatrix}$$

Find the value of the variables indicated.

(6 pts)

a) K=0
 DO 10 I=1,2
 DO 10 J=1,3,2
 IF(L(I,J).EQ.2) K=K+1
 K=K+L(I,J)
 10 CONTINUE

K= _____

(3 pts)

b) A=L(K,3) + L(2,3) + L(3,3)

A= _____

(3 pts)

c) Write the FORTRAN statement to reserve memory registers for the array L

13. The following questions refer to the array N.

$$N = [2,4,6,3,5,7]$$

(4 pts)

a) K=0
 DO 10 I=2,8,2
 10 K=K+N(I)

K= _____

I= _____

(2 pts)

b) J=3
 R=N(2*J-2)

R= _____