

Activity on Node Network Logic Diagram Assignment

Draw an Activity on Node network logic diagram for the following logic statements:
Make it neat and professional looking. Include a key or legend. Do not use any project management software package to do this assignment. It could be done by hand, using Excell, or other graphic or drawing program.

2 points will be deducted for each error in logic or calculation error.

I	Precedes	V, B
V	"	T, E, K
T, E, K	"	D2, B2
U, D, A2	"	L
A2	"	E2
D2	"	U, D, A2
B	"	C2, O
C	"	B2, P
C2	"	C
B2	"	J
O	"	M2
A	"	P, R
M2	"	A
P	"	H
W	"	G2, X, N
G2	"	M, M2
N	"	F, Z
M, X	"	R, S, Y
F	"	Y
Y	"	Q
S	"	F2
Z	"	G
F2	"	Q

L, E2, J, H, R, Q, AND G are activities that precede the FINAL INSPECTION.

Use the following durations, perform all calculations and identify the critical path.

A - 19	R - 45
B - 4	S - 2
C - 6	T - 25
D - 1	U - 6
E - 5	V - 9
F - 9	W - 11
G - 1	X - 13
H - 3	Y - 6
I - 2	Z - 1
J - 6	A2 - 7
K - 5	B2 - 9
L - 2	C2 - 10
M - 12	D2 - 15

N - 6	E2 - 6
O - 4	F2 - 11
P - 21	G2 - 3
Q - 1	M2 - 14
Final Inspection - 0	