K20-1052. +8819nmenat Date: S. M. Hassen Al? 8612 Start 10313 13215 a + um+b 001 13 2 0.44 ALBA

K20-1052 a) Expected Hue of CFJ=3 Variance of FJ=1.78 c) Critical Path = 15 Variance of CoP = 0.11(3) +1+1.78 = 3.11 Z = 21 - 11 = 16 - 15 = 0.567  $\sqrt{3.11}$ P(260.567) = 0.7157 20) The critical path is formed by A, G, E, B, H From the table we see that activity A cambe reduced to 1 week from 2. having cost per week: 750 and Frank seduced to 3 weeks fron 4 having nost per week: 1000. We have least additional cost of = 1000 + 750 = 1750.

A . -

1220-1052

Date:
Dod Using Assignment Model (Hungariana)
Pelson 50ht 50h2 50b3 5064
1 81 84 86 83 -> 1
2 \$9, \$7 \$10 \$9 ->7
3 39 35 311 87 -> 4
4 \$8 \$7 \$8 \$5 ->5
Pow Reduction.
10131512 2032 2173 3230. 101810n
10 3 2 2 0 2 1 1 1 2 0 0 2 1 2 1 2 1 2 1 2 1
= \$1 + \$10 + \$5 + \$5 = \$21

ALBA

K20-1050.

	Date:
Machine J4 J2 J3	54
Machine O+ 02 03	
M-1 135 1813 1812	1\$15 -> 5
	0 86 -> 6
M-3 124 \$19 12	0 \$ 16 -> 16
M-4 324 88 86	38 (-)6
Pow Reduction	101 101 1000
	D JENNIE
9 12 14	0
8 3 4	
1820	
0 2 0 0	
10161711	6 056101
9 10 14	9 9 13 0
8 1 4	8030
1800	2. 9003
9/=	1608 0
· · · · · · · · · · · · · · · · · · ·	
= 3 + 6 + 19	+ 6
· > 76.	120121



