

1) a d b c e f → res 1

2)

V	Dv	Pv	Course
A	0	-	1
B	4	A	1
C	6	A	1
D	14/3/12	E	1
E	11	C	1
F	14	F	1
G	13	D	1

res 17 13 12 res 2

3) A C D E B
 F
 B E G F D C A → G

res 3

4) DFS res → 2

5)

A	B	C	D	E	F	G	H
0	1	1	2	2	1	2	1
-	0	0	2	2	1	2	1
-	0	-	1	1	1	2	1
-	-	-	1	0	0	2	1
-	-	-	1	0	-	1	1
-	-	-	0	-	-	0	0

res → 4

via:

A // - A + B + C

BC // - C

B // - B + E + F

E // - F

E // - E + D + G
 - H

D G H // - H, - G, - D

sort: A, C, B, F, E,
 H, D

6) ~~A~~ ~~B~~ ~~C~~ ~~E~~ ~~G~~ ~~D~~ ~~F~~ ~~H~~

~~B~~ ~~C~~ ~~A~~ ~~E~~ ~~D~~ ~~G~~ ~~F~~ ~~H~~

A B C E G D F H ✓

B C A E D G F H X

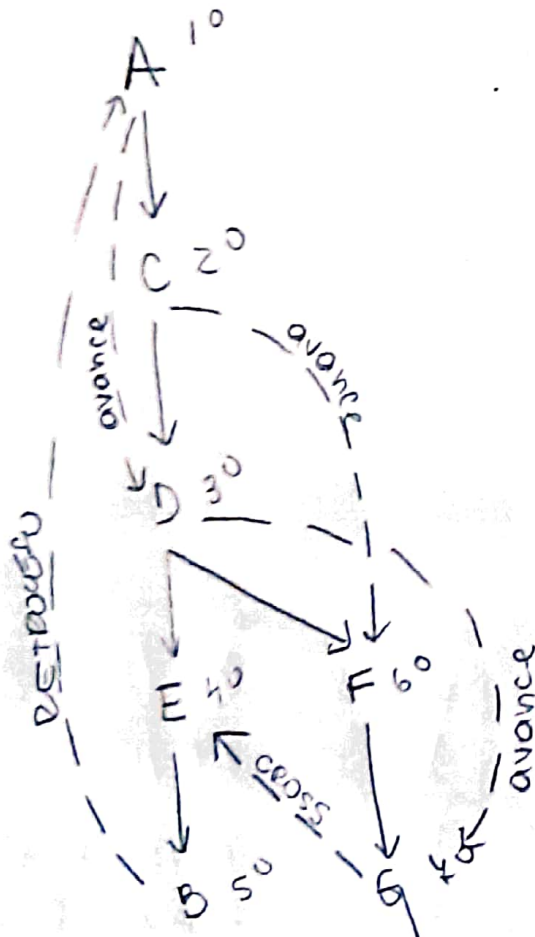
~~E~~ ~~A~~ ~~C~~ ~~F~~ ~~B~~ ~~G~~ ~~D~~ ~~H~~
E A C F B G D H X

DES → 1

~~A~~ ~~B~~ ~~C~~ ~~A~~ ~~E~~ D H F

A B G E D H F X

4)



3 avance

DES → 2