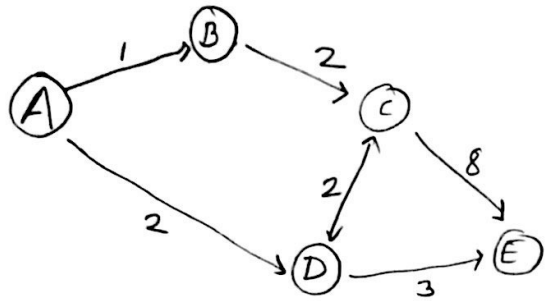
Que 9 :

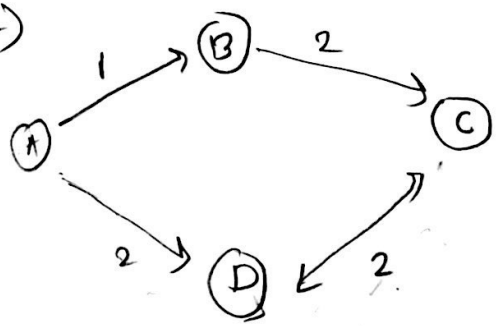


shortest path

Vertex (accumulated path)	Initial (1) / Next step A	step 1 A / next step B	step 2 (A,B) / next step C	step 3 (A,B,C)/(A,D) / next step D	step 4 (A,D,E) / next step E
A	0	0	0	0	0
B	∞	1	1	1	1
C	∞	1	3	3	3
D	∞	1	3	2	2
E	∞	1	3	2	5

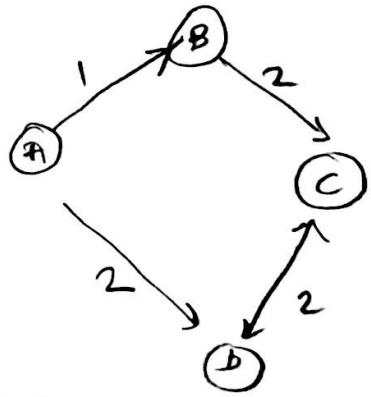
step 1)

step 2)



1) A → B → C = 3
2) A → D → C = 4

step 3



3) A → B → C → D = 5
4) A → D = 2

step 4)

A → B → C → E = 11
A → B → E = 5
A → D → C → E = 12

Scanned with CamScanner