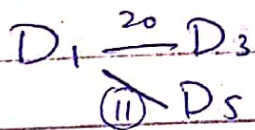
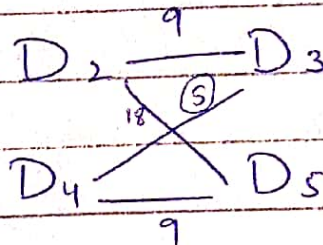
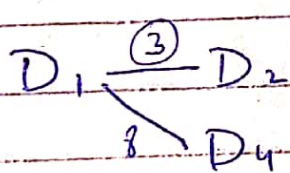
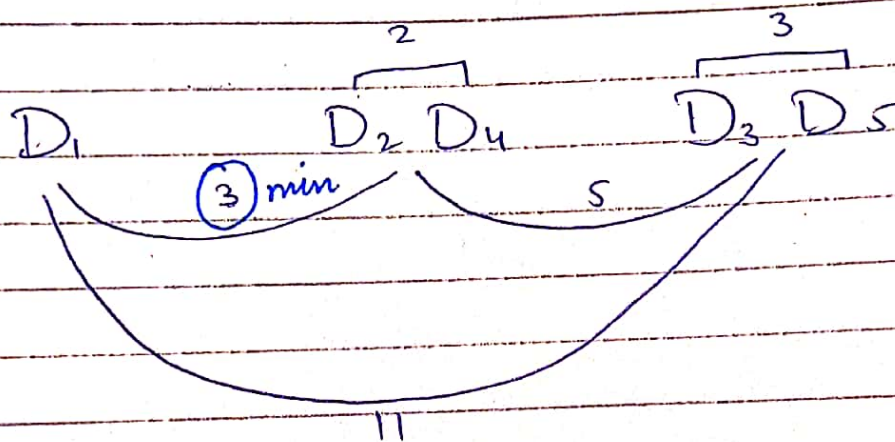


## Question 6 :

	D1	D2	D3	D4	D5
D1	0	3	20	8	11
D2		0	9	<span style="border: 1px solid black;">2</span> <sup>min distance</sup> <span style="border: 1px solid black;">1</span>	18
D3			0	5	<span style="border: 1px solid black;">3</span> <sup>min dist.</sup> <span style="border: 1px solid black;">2</span>
D4				0	9
D5					0



As 3 is the minimum between  $D_1$  and  $D_2 D_4$  so it will become a cluster with them.

$D_1, D_2, D_4$

$D_3, D_5$