Quiz 20. UPGMA algorithm for construction of phylogenetic trees

Build the phylogenetic tree from the following distance matrix:

	A	B	C	D	E
A	0				
B	3	0			
C	2	3	0		
D	3	2	1	0	
E	2	3	0	1	0

Do NOT label the edges, give only the tree topology.

Distance matrix after cluster 1

Distance matrix after cluster 2

Distance matrix after cluster 3

Distance matrix after cluster 4