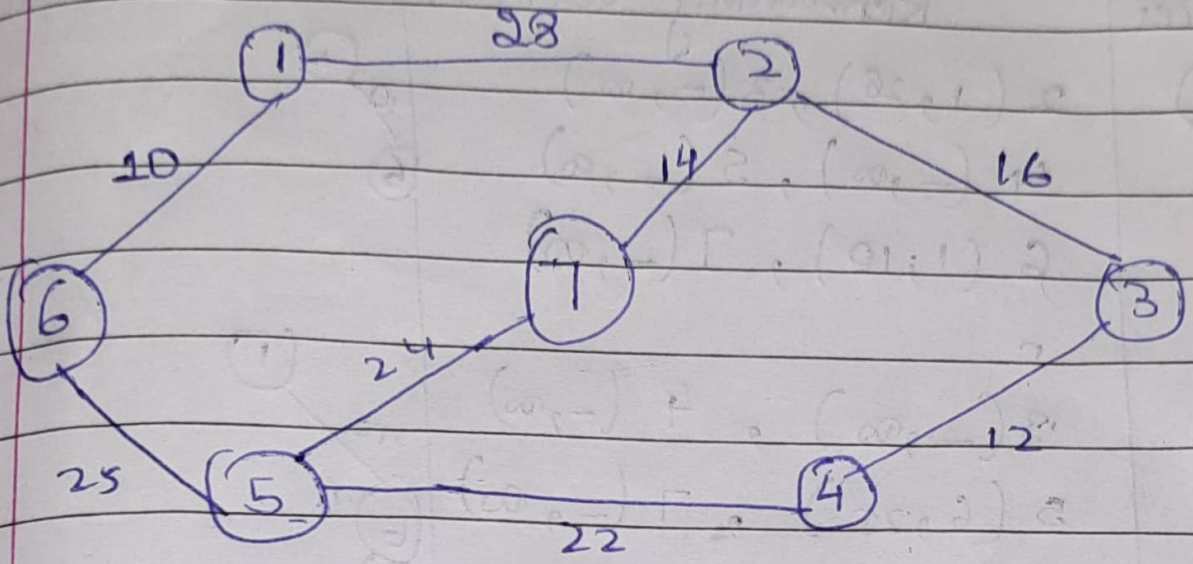
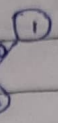
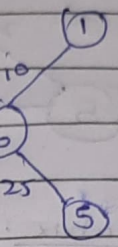
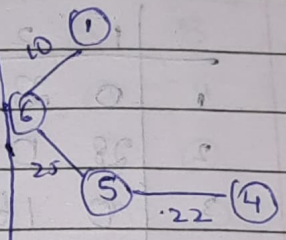
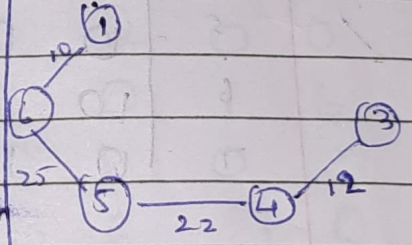
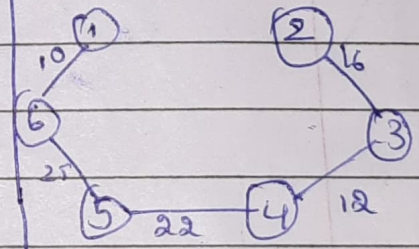
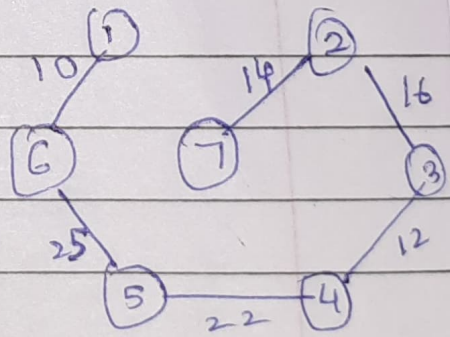


cost matrix : No. of vertices = 7

	1	2	3	4	5	6	7
1	0	28	0	0	0	10	0
2	28	0	16	0	0	0	14
3	0	16	0	12	0	0	0
4	0	0	12	0	22	0	0
5	0	0	0	22	0	25	24
6	10	0	0	0	25	0	0
7	0	14	0	0	24	0	0

Tree vertices	Remaining Vertices	Illustration
1(-,-)	2(1,28), 3(-,∞), 4(-,∞), 5(-,∞), 6(1,10), 7(-,∞)	
6(1,10)	3(-,∞), 4(-,∞), 5(6,25), 7(-,∞), 2(-,∞)	
5(6,25)	4(5,22), ~~7(5,24)~~, 3(-,∞), 2(-,∞)	
4(5,22)	3(4,12), ~~2(-,∞)~~, 2(-,∞), 7(-,∞)	
3(4,12)	2(3,16), 7(-,∞)	
2(3,16)	7(2,14)	

∴ MST Cost of MST = 10 + 25 + 22 + 12 + 16 + 14 = 99