VRP

CQM

N	K	vehicle routes-v1	v2	cost	constraint satisfied	time
4	2	Vehicle_1 path: []	Vehicle_2 path: ['0 -> 1', '1 -> 3', '2 -> 0', '3 -> 4', '4 -> 2']	cost of path is 153.757	yes	5
5	2	Vehicle_1 path: []	Vehicle_2 path: ['0 -> 1', '1 -> 3', '2 -> 0', '3 -> 5', '4 -> 2', '5 -> 4']	cost of path is 152.6	yes	5
6	2	Vehicle_1 path: []	Vehicle_2 path: ['0 -> 1', '1 -> 3', '2 -> 6', '3 -> 5', '4 -> 2', '5 -> 4', '6 -> 0']	cost of path is 146.82	yes	5
7	2	Vehicle_1 path: ['0 -> 3', '1 -> 5', '3 -> 1', '5 -> 0']	Vehicle_2 path: ['0 -> 2', '2 -> 4', '4 -> 7', '6 -> 0', '7 -> 6']	cost of path is 265.50	yes	5
8	2	Vehicle_1 path: ['0 -> 3', '1 -> 5', '3 -> 1', '5 -> 0']	Vehicle_2 path: ['0 -> 2', '2 -> 8', '4 -> 7', '6 -> 0', '7 -> 6', '8 -> 4']	cost of path is 269.27	yes	5
9	2	Vehicle_1 path: ['0 -> 1', '1 -> 3', '3 -> 5', '5 -> 0']	Vehicle_2 path: ['0 -> 2', '2 -> 9', '4 -> 8', '6 -> 0', '7 -> 6', '8 -> 7', '9 -> 4']	cost of path is 264.382	yes	5
10	2	Vehicle_1 path: ['0 -> 6', '4 -> 5', '5 -> 8', '6 -> 4', '8 -> 0']	Vehicle_2 path: ['0 -> 7', '1 -> 3', '2 -> 10', '3 -> 9', '7 -> 1', '9 -> 2', '10 -> 0']	cost of path is 245.618	yes	5

BQM

N	K	vehicle routes-v1	v2	cost	num_reads	constraint satisfied	B,C
4	2	Vehicle 1 : 0 -> 0	Vehicle 2 : 0 -> 2 -> 4 -> 1 -> 3 -> 0	118.334	4000	yes	1000000.0
		Vehicle 1 : 0 -> 0	Vehicle 2 : 0 -> 2 -> 4 -> 3 -> 1 -> 0	112.747	4000	yes	10000
5	2	Vehicle 1 : 0 -> 0	Vehicle 2 : 0 -> 2 -> 3 -> 1 -> 4 -> 5 -> 0	126.389	3500	yes	1000
6	2	Vehicle 1 : 0 -> 2 -> 1 -> 5 -> 0	Vehicle 2 : 0 -> 4 -> 3 -> 6 -> 0	254.172	3500	yes	1000
		Vehicle 1 : 0 -> 6 -> 1 -> 4 -> 3 -> 5 -> 2 -> 0	Vehicle 2 : 0 -> 0	202.179	3500	no	1000
		Vehicle_1 path: ['0 -> 5', '5 -> 0']	Vehicle_2 path: ['0 -> 3', '0 -> 6', '1 -> 4', '2 -> 1', '3 -> 0', '4 -> 0', '6 -> 2']	432.81	3500	yes	100000
		Vehicle 1 : 0 -> 6 -> 1 -> 4 -> 0	Vehicle 2 : 0 -> 5 -> 3 -> 2 -> 0	339.487	3500	yes	100000

N	K	vehicle routes-v1	v2	cost	num_reads	constraint satisfied	B,C
		Vehicle 1 : 0 -> 3 -> 0	Vehicle 2 : 0 -> 4 -> 6 -> 2 -> 1 -> 5 -> 0	344.356	3500	yes	100000
		Vehicle 1 : 0 -> 6 -> 2 -> 5 -> 0	Vehicle 2 : 0 -> 4 -> 1 -> 3 -> 0	289.344	3500	yes	100000
7	2	Vehicle_1 path: ['0 -> 1', '0 -> 3', '1 -> 0', '3 -> 0']	Vehicle_2 path: ['0 -> 4', '0 -> 5', '4 -> 6', '5 -> 0', '6 -> 7', '7 -> 0']	616.939		no	10000
		Vehicle 1 : 0 -> 7 -> 1 -> 0 Vehicle 2 : 0 -> 3 -> 5 -> 2 -> 4 -> 6 -> 0		398.21		yes	100000
						no	15000
						no	17000
		Vehicle_1 path: ['0 -> 1', '0 -> 2', '0 -> 4', '1 -> 0', '2 -> 6', '4 -> 0', '6 -> 7', '7 -> 0'] Vehicle_2 path: ['0 -> 3', '0 -> 5', '3 -> 0', '5 -> 0']		819.23		no-capacity	45000
		Vehicle_1 path: ['0 -> 2', '0 -> 3', '1 -> 0', '2 -> 0', '3 -> 6', '6 -> 1'] Vehicle_2 path: ['0 -> 5', '0 -> 7', '4 -> 0', '5 -> 4', '7 -> 0']		578.26		yes	55000
		Vehicle 1 : 0 -> 5 -> 2 -> 0	Vehicle 2 : 0 -> 6 -> 3 -> 1 -> 7 -> 4 -> 0	312.579			80000

Classical

N	K	vehicle routes-v1	v2	cost	time
4	2	Vehicle 1 : 0 -> 2 -> 0	Vehicle 2 : 0 -> 4 -> 3 -> 1 -> 0	Cost: 235.18	
5	2	Vehicle 1 : 0 -> 2 -> 0	Vehicle 2 : 0 -> 4 -> 5 -> 3 -> 1 -> 0	Cost: 232.798	
6	2	Vehicle 1 : 0 -> 2 -> 0	Vehicle 2 : 0 -> 4 -> 5 -> 3 -> 1 -> 6 -> 0	Cost: 229.667	
7	2	Vehicle 1 : 0 -> 2 -> 4 -> 5 -> 0	Vehicle 2 : 0 -> 7 -> 3 -> 1 -> 6 -> 0	Cost: 222.722	
8	2	Vehicle 1 : 0 -> 2 -> 8 -> 0	Vehicle 2 : 0 -> 7 -> 4 -> 5 -> 3 -> 1 -> 6 -> 0	Cost: 225.13	
9	2	Vehicle 1 : 0 -> 2 -> 8 -> 0	Vehicle 2 : 0 -> 7 -> 9 -> 4 -> 5 -> 3 -> 1 -> 6 -> 0	Cost: 228.697	0.58729

N	K	vehicle routes-v1	v2	cost	time
10	2	Vehicle 1 : 0 -> 2 -> 3 -> 1 -> 6 -> 0	Vehicle 2 : 0 -> 7 -> 4 -> 5 -> 8 -> 9 -> 10 -> 0	Cost: 240.227	8.99271