

Make-up CT (OS)

①

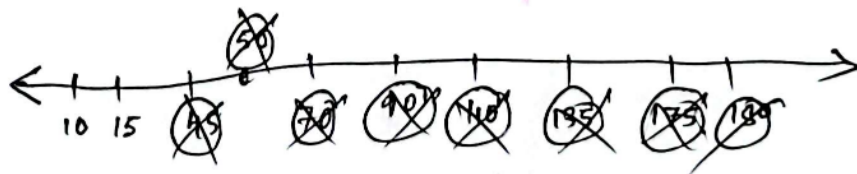
	Allocation	Max	Need	Available	Sequence
	A B C D	A B C D	A B C D	A B C D	
✓ P₀	0 0 1 2	0 0 1 2	0 0 0 0	1 5 2 0	P ₃
✓ P₁	1 0 0 0	1 7 5 0	0 7 5 0	1 11 5 2	P ₄
✓ P₂	1 3 5 4	2 3 5 6	1 0 0 2	1 11 6 6	P ₀
✓ P₃	0 6 3 2	0 6 5 2	0 0 2 0	1 11 7 8	P ₁
✓ P₄	0 0 1 4	0 6 5 6	0 6 4 2	2 11 7 8	P ₂
				3 14 12 12	

In a safe state.

②

Shortest Seek Time First:

track	45	70	90	110	135	175	190	180 15	10
head	50	45	70	90	110	135	175	180	15
movers	5	25	20	20	25	40	5	165	5

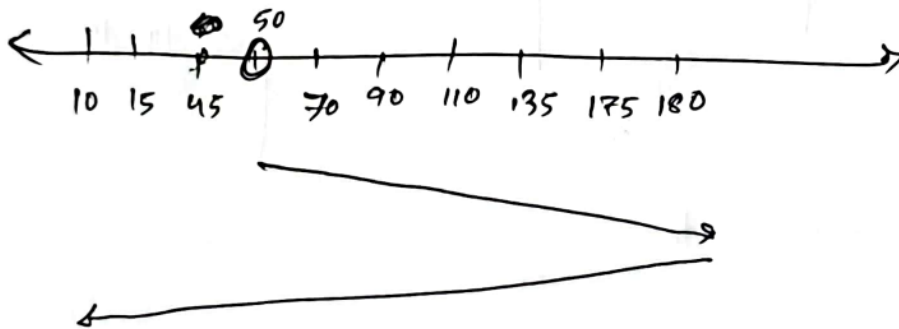


∴ Total = 310

Scan:

track	70	90	110	135	175	180	45	15	10
head	30	70	90	110	135	175	180	45	15
moves	20	20	20	25	40	5	135	30	5

Total = 300



\therefore Scan will perform better