

Task 2

a) CSCAN direction

18, 20, 24, 30 < 14, 10, 7, 4 > 23 ...

Therefore inwards

b) CLOOK direction

18, 20, 24 < 14, 10, 7 > 23, 30 < 9 ...

Therefore outwards

c)

scheduling	distance	path
FIFO	101	18, 24 < 17 > 14, 20 < 10 > 30 < 4 > 23
SSTF	57	18, 24, 30 < 14, 10, 7, 4 > 23
LOOK	57	18, 24, 30 < 14, 10, 7, 4 > 23