Round Robin
minutes

1)

Job	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
A	✓			✓					✓					✓					X								
B		✓			✓					✓					X	X											
C			✓			✓					✓						✓										
D							✓					✓						✓		✓	✓	✓					
E								✓					✓														

A arrives in 1 quanta, B in 2, C in 2, D in 5 and E in 7.
A run 5 times, B run 4 times, C run 4 times, D run 3 times, E run 6 times.
A takes 19 minutes to complete, B take 15, C take 16, D take 17 and E take 22.

$$\frac{19+15+16+17+22}{5} = 17.8$$

2) <u>Priority Schedule</u>   A:1 B:3 C:5 D:3 E:1

Job	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
A	✓	✓	✓	✓	X																													
B						✓						✓	✓	X																				
C																				✓	✓	✓	X											
D																✓	✓	X																
E							✓	✓	✓	✓	✓	X																						

A has a priority of 1 which is lower than B so when we are at 3rd quanta
so A is still running. When A is finished we know B lower than C so B run
when at 6 B run and we knows E and E is lower than B, C and D.
E run. When E is finished at 12, B is lower than C and before D so B
run. After B then D run. After D then E run. Which ever has lower
Priority run first.

$$\frac{5+12+15+18+22}{5} = 14.4$$