O1. (a) FIRST COME FIRST SERVE Average waiting time = 0+25+37+43/4 = 26-25 ms. Average Turnaround time = 25+37+43+61/4 CANON + CANON + CX POS + SI VEY + COVOS = 2000 griting agains (b) SHORTEST JOB FIRST-A Backs Average waiting time = 0+6+18+36/4 morant am 5-1 1115mg. Average turnaround time = 6+18+36+61/1 = 30.25mg (c) PRIORITY SCHEDULING.

Average waiting time = 0+12+30+55/4 0+40-40 = 24-2 ms Average turnaround time = 12+30+55 +61/4 ALERA +8425+0 = smit grition agersuA 02. (a) FIRST COME FIRST SERVE 26 22 = Smit Brassamil 21 Average waiting time = (2/2) + (2/2) + (2/2) + (2/2) + (2/2) + (2/2) (a) - 103 18911 (a) 0+25+37+43/4 = 26.25 ms Average Turnaround Time = 25+87+43+61)4 = 41.5 ms. Average burnaround three = 6+16+66+61) (1) ROUND POBIN (c) PRIORITY SCHEDULING

```
063-3 3 3
    Average wait time , 0+12+30+55/4 1 (1781) 10 (1781)
                     = 24-2ms
    Average turnaround time = 12+30+55+61/4
                        = 39-5ms
03. Given: S=1 wind
    Inefficiency = (6/23) × 100 %
    Efficiency = (1-6/23) x100%
     Average wait time = 0+7+0+2+14/5
                      = 4.6ms
04.
    P4 = 0-0 =>0
    Pa = 3-2 31
    P2 , 9-5 => 4
   PS = 11-9 32
   P3 = 15-1 = 14
    Average waiting time = 0+ 1+ 4+7+14/5
                          = 5.2ms
```

(D) PRIORITY

05. P4 80-0 30 Pa = (3-2)+6 +7 Pr = 5-5 0 85 = (4.4) +2 3 O P3 = (15-1) = 14 A 88+ 08+ 81+0 = 3 mid times spensor Average wait time = 0+7+0+2+14/5 With the fire south brown with sparser Given 1 = 8 : novip efficiency = (1-6/23) x100%. Average with those of 7+0 ,2+14/5 DE 0.0 = 49 14 5 3 2 3 2