N.T for
$$P_1 = 0 + (8-1) = 4ms$$

$$P_2 = 1-1 = 0 ms$$

$$P_3 = 6-2 = 3ms$$

$$P_4 = 4-4 = 0 ms$$
And $P_4 = 4-4 = 0 ms$

$$\Delta v_g \cdot W \cdot T : + \frac{40+3+0}{4} = \frac{10}{4} = 2.5 \text{ ms}$$

TT for
$$P_1$$
: $5 + 7 = 12my$
 P_2 : $3 + 0 = 3ms$
 P_3 : $3 + 3 = 6ms$
 P_4 : $1 + 0 = 1ms$

$$\frac{dvg}{dt}$$
. $TT = 12+3+6+1$ = $\frac{dv}{dt} = 5.5 ms$

(3)	Proces	Execution Time	deerol Time
	P ₁	20	0
	P	25	15
	Pa	10	೨ ೦
	P4	15	45

Shortest Remaining Tine First (SRTF)

P1 P2 P3 P1 P4

0 20 30 40 55 40

W.T for
$$P_1 = 0$$

 $P_2 = (20 - 15) + (40 - 30) = 15 \text{ ms}$
 $P_3 = 30 - 30 = 0$
 $P_4 = 55 - 45 = 10 \text{ ms}$

V					1
	Pı	P3	Pe	PA	
10		1 8	3	2	16

D.T for
$$P_1 = 0$$

 $P_2 = 8-2 = 6 ms$
 $P_3 = 4-4 = 3 ms$

$$\Delta \log \cdot D \cdot T = 0+6+3+7$$

$$= 16 = 49$$

b) Presyptive STF

b. T for
$$P_{1} = 0 + (11-2) = 9ms$$

$$P_{2} = (2-2) + (5-4) = 1ms$$

$$P_{3} = 4-4 = 0$$

$$P_{4} = 4-5 = 2ms$$

$$shy_{2} \cdot N \cdot T = 9 + 1 + 0 + 2$$

$$= \frac{12}{4} = 3 m_{2}$$