SHA - 1 ; Hash func.

Min - Min Scheduling

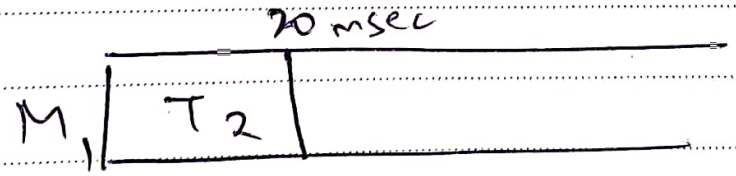
	T_1	T_2	T_3	T_4
M_1	140_{+120}	20	60_{+20}	30_{+20}
M_2	100	100	70	80
M_3	80	85	70	60

$M_3 \rightarrow T_1 - 80$

$M_1 \rightarrow T_2 - 20$ ✓

$M_1 \rightarrow T_3 - 60$

$M_1 \rightarrow T_4 - 30$

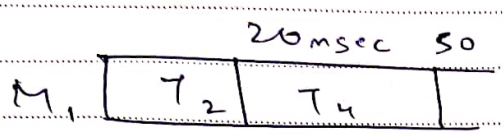


	T_1	T_3	T_4
M_1	160 +50	80 +50	50
M_2	100	70	80
M_3	80	~~60~~	60
		70	

$M_1 \rightarrow T_4 - 50$

$M_2 \rightarrow T_3 - 70$

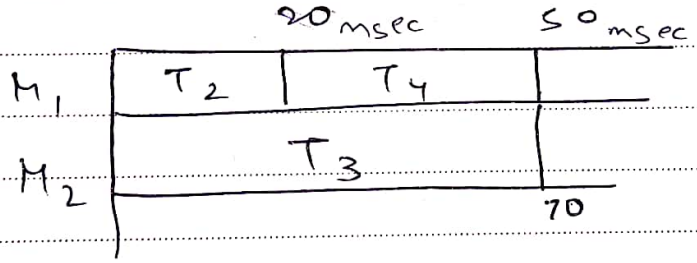
$M_3 \rightarrow T_4 - 60$



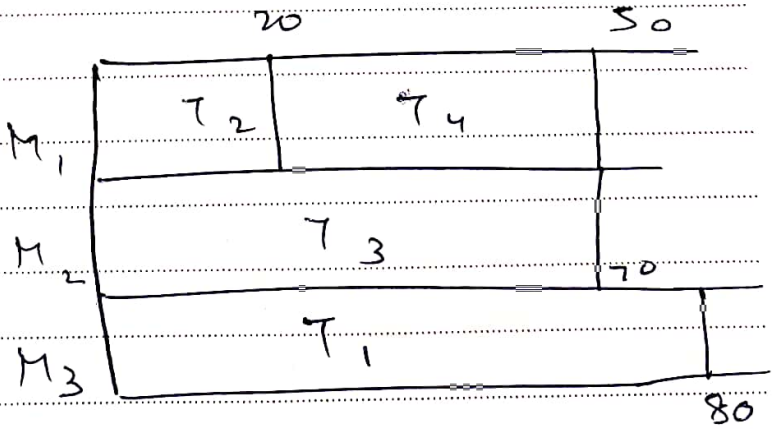
	T_1	T_3
M_1	210	130
M_2	100 +70	70
M_3	80	70

$T_1 \rightarrow M_3 - 80$

$T_3 \rightarrow M_2 - 70$



	T_1
M_1	210
M_2	170
M_3	80



80 msec

Max - Min

Notes	T_1	T_2	T_3	T_4
M_1	40	20	60	30
M_2	100	100	70	80
M_3	80	85 +80	70 +80	60 +80

$T_1 \rightarrow M_3 - 80$

$T_2 \rightarrow M_1 - 20$

$T_3 \rightarrow M_1 - 60$

$T_4 \rightarrow M_1 - 30$

80 msec

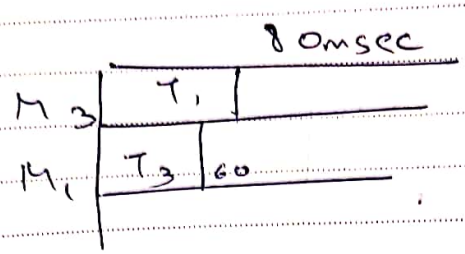
	T_1	
M_3		

	T_2	T_3	T_4
M_1	90 +60	60	30 +60
M_2	100	70	80
M_3	165	150	140

$T_2 \rightarrow M_1 - 20$

$T_3 \rightarrow M_1 - 60$

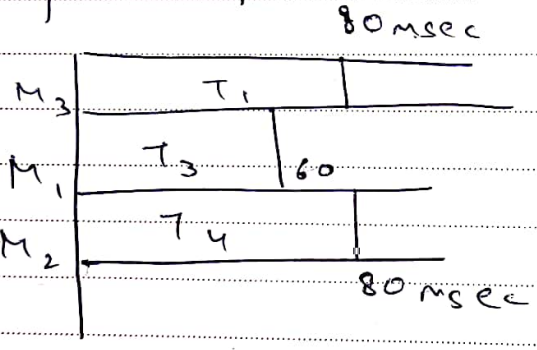
$T_4 \rightarrow M_1 - 30$



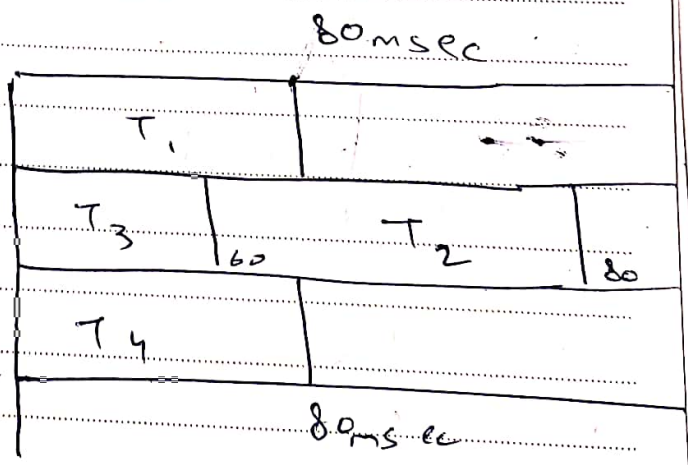
	T2	T4
M1	80	90
M2	100 +80	80
M3	165	140

$T_2 \rightarrow M_1 - 80$

$T_4 \rightarrow M_2 - 80$



	T2
M1	80 ✓
M2	180
M3	165



140 msec

Suffrage algo

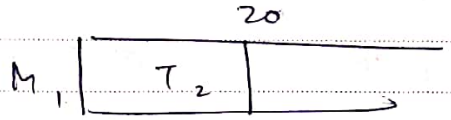
Q →

	T_1	T_2	T_3
M_1	140_{+20}	20	60_{+20}
M_2	100	100	70

$T_1 - 40$

$T_2 - 80$ ✓

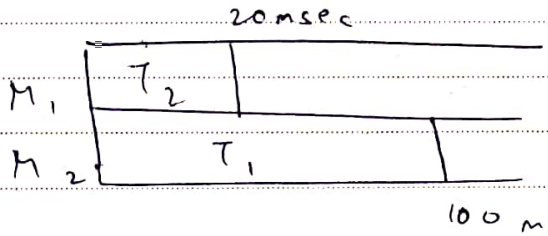
$T_3 - 10$



	T_1	T_3
M_1	160	80
M_2	100	70_{+100}

$T_1 - 60$ ✓

$T_2 - 10$



	T_3
M_1	80
M_2	170

$T_3 - 90$

Q →

M_1

M_2

Total

M_1

M_2

M

T_1

T_2

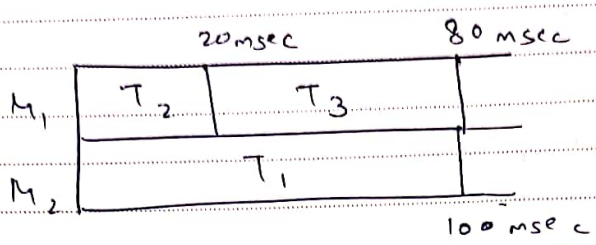
T_3

T

T_1 -

T_3

T_4



Total Execution Time = 100 msec

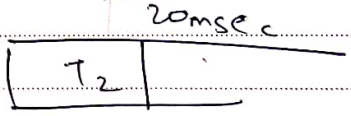
	T_1	T_2	T_3	T_4
M_1	40 +20	20	60 +20	30 +20
M_2	100	100	70	80
M_3	80	85	70	60

T_1 - 40, 20, 60

T_2 - 80, 15, 65

T_3 - 10, 0, 10

T_4 - 50, 20, 30

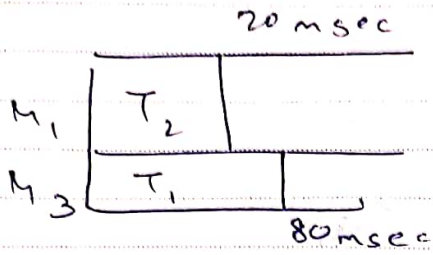


T_1 - 60, 20, 80

T_3 - 10, 0, 10

T_4 - 30, 20, 10

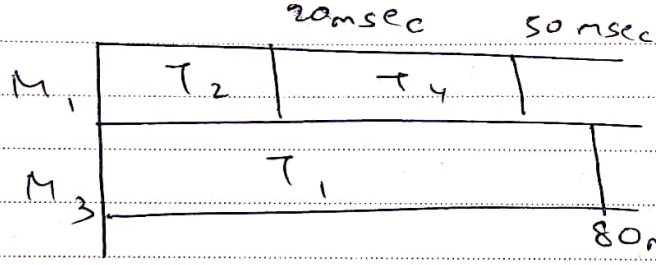
	T_1	T_3	T_4
M_1	160	80	50
M_2	100	70	80
M_3	80	70 +80	60 +80



	T_3	T_4
M_1	80 +50	50
M_2	70	80
M_3	150	140

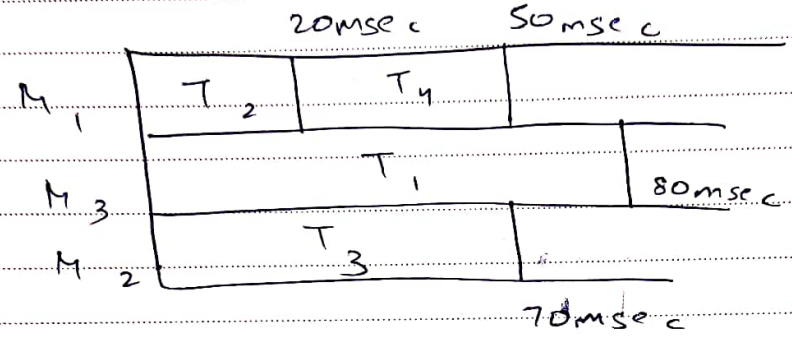
$T_3 = 10, 80, 70$

$T_4 = 30, 60, 90$



	T_3
M_1	130
M_2	70
M_3	150

$T_3 = 60, 80, 20$



Total Execution = 80 msec

4.0 having 2 data centre 2 host 5 Vm, M/c & 10 cloud task.

Execution Time of each cloudlet.

$$EFT(\text{cloudlet}) = EST(\text{cloudlet}) + \frac{\text{Cloud length}}{VM(MIPS)}$$