+	pf	Moving Avg.	Weighted Moving Aug	Exp. fungothing
	000	Sec. 1	Tal.	400
5	420			400
3	450	_	-	404
4	410	423.33	431	413.20
5	480	443.33	ччя	422
6	500	413.33	468	434
7	530	480	486	uu7
8	550	503.33	511	463.70
9	580	526-66	534	481
10	000	533.33	561	500-80
11		576	584	520.6

(a) MAD = 
$$\frac{10}{2}$$
 MAD =  $\frac{10}{2}$  MA

(b) MSE = 
$$\frac{Z(A+-f+)^2}{Z(A+-f+)^2} = \frac{Z(D+-f+)^2}{Z(D+-f+)^2} = 2288.89$$

(C) MAPE = 
$$\frac{2|A_{4}-F_{4}|}{A_{4}} \times 100 = 8.26.1.$$

Ans

[ii] Weighted though Awage: -

(a) 
$$MAD = 2[A_{+}-F_{+}] = 37.1429$$
  $\{m = 7\}$ 

(b)  $MJE = 2[D_{+}-F_{+}]^{2} = \frac{4}{8}$ 

(c)  $MAPE = 2[A_{+}-F_{+}] \times 100 = \frac{9920}{6} = 1653.33$ 

(d)  $MAPE = 2[A_{+}-F_{+}] \times 100 = \frac{9920}{6} = 1653.33$ 

(IV) linear Regression: -

Xi.	Yè	xivi	Xi2	Yċ
1	400	400	1	397.45
2	420	840	4	419.57
345678910112	450 410 500 530 550 580 600	1350 1840 2400 3000 3710 4400 4320 6000	9 16 2 6 9 9 9 100	441.69 463.81 485.93 508.05 530.17 552.29 574.65 618.65 690.77

(c) MARE = 
$$\frac{10^{-1}}{4!} \times 100 = \frac{0.085204}{3} = 56.535$$

By MAPE, the best method to use will se linear suggestion.