6 sample median

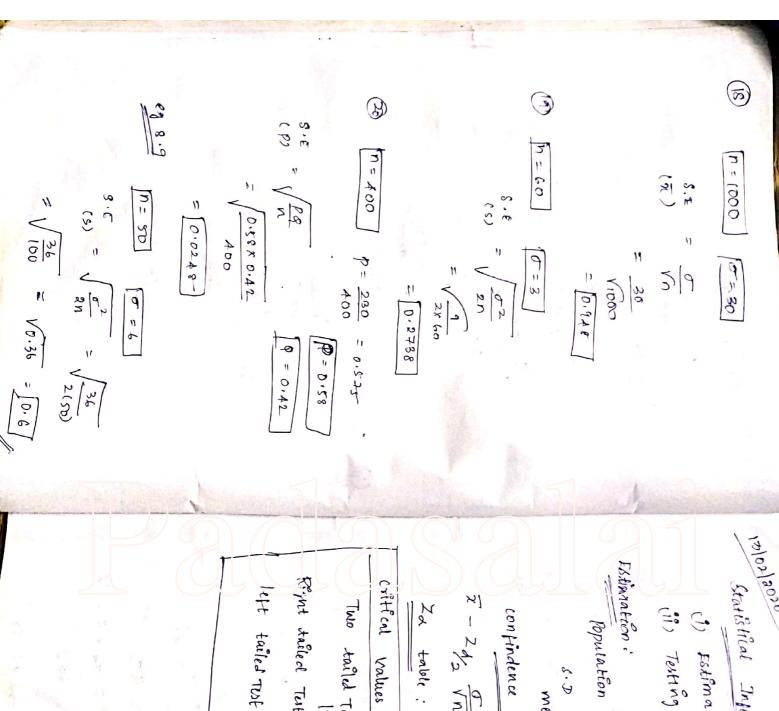
(aefficient (r)

 $\frac{1-(1-e^2)}{\sqrt{n}}$ 

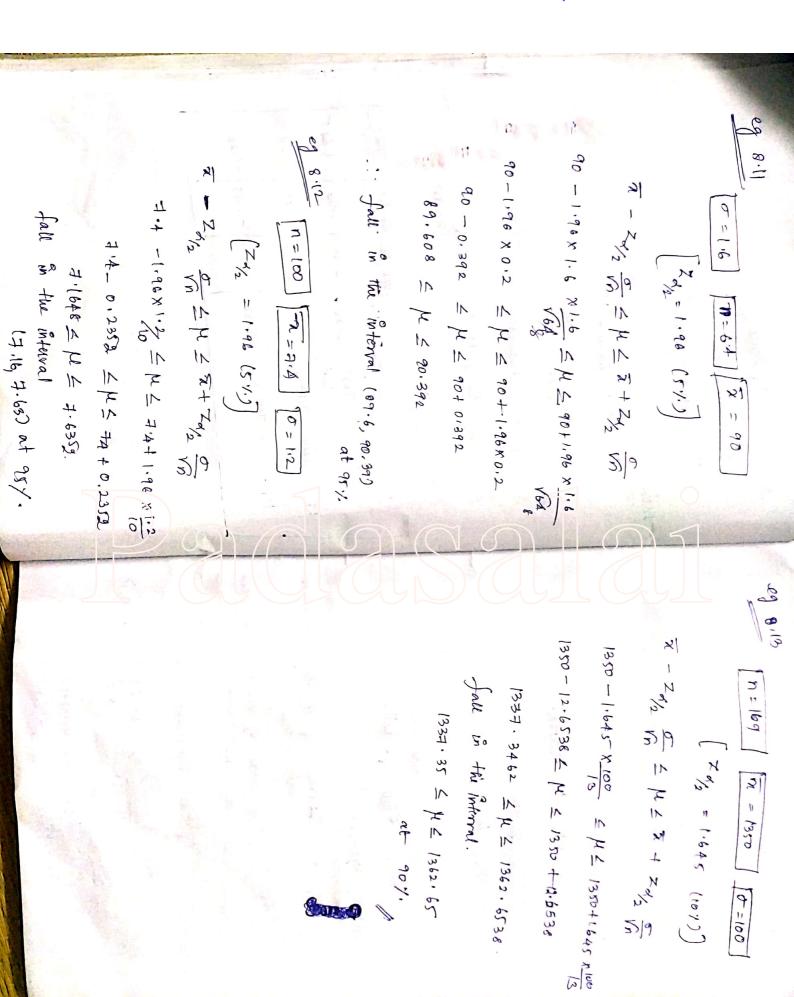
$$\frac{2}{3} \cdot \frac{8}{5} \cdot \frac{20}{min}$$

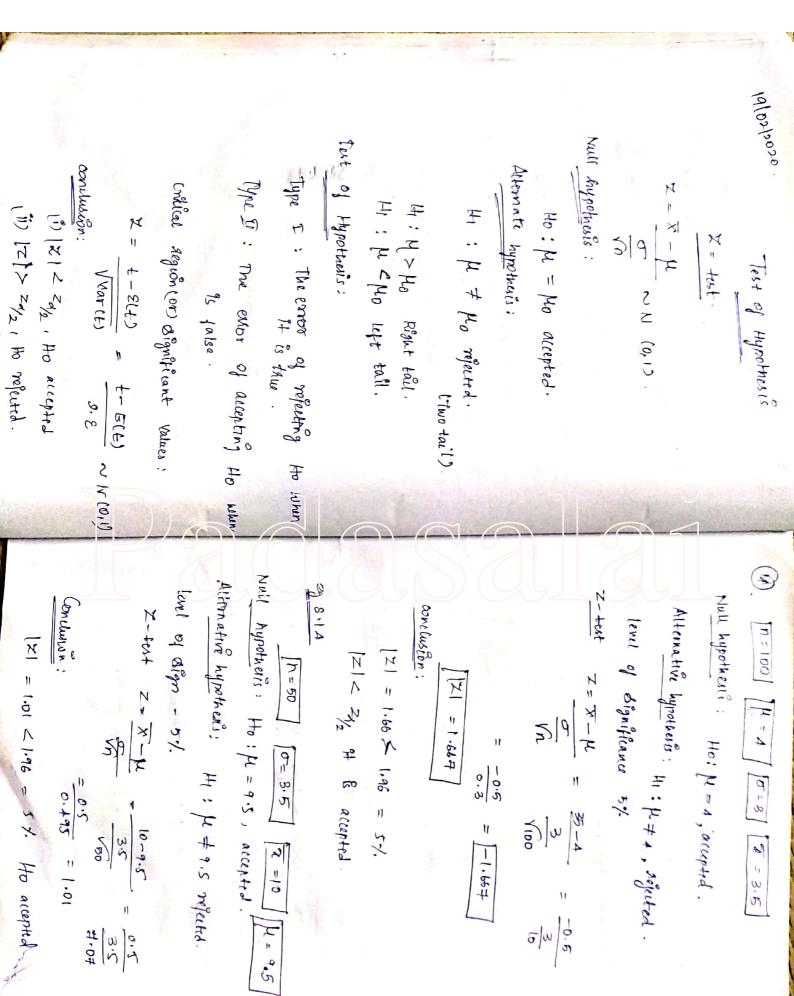
$$\frac{1}{3} \cdot \frac{1}{3} \cdot \frac$$

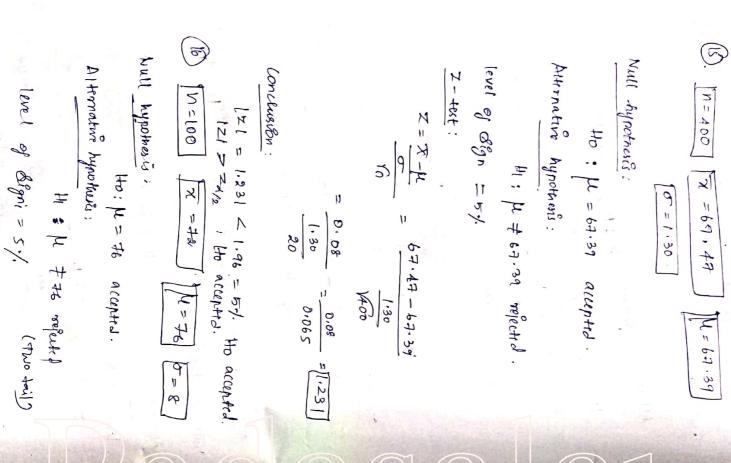
## $P = \frac{3240}{9000} = 0.36$ $P = \frac{3240}{9000} = 0.36$ $P = \frac{300}{4000} + \frac{1}{6} = \frac$

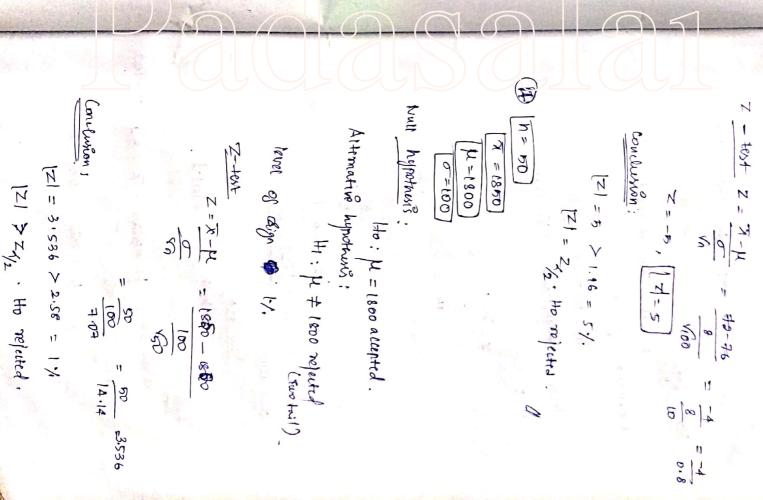


	left tailed Test x1 -2.33 -2.055 -1.64	2.33 2.05	2.58 / 2.33	Crittical values 7 11% 1 2% 5% 5%	Za table:	2-242 M 24 2 2 + 28 2	confindence Interval:	x = nv3m	Estimation:  Population mean = M	(ii) Testing Hypothesis.	Statistical Inference:
13/	-1.645	1.645	1.96	significano		3/9					
*	-1,28	1.28	7. 64	(d)							









Null hypothesis: (1) Null hypothese: Attornation hypothesis: conclusion; level of afgntreano: 17. (2.58) 0=2.61, H=3.25 1 +mf - Z Ho: L = 400 accepted. (2) = 5 H: h + 400 repeted. (Z) > Z/2 Ho objected. tho: \u = 3.25 accepted. × --5 7 = 5 390-400 (g) 80 1 = 8.7. n=90

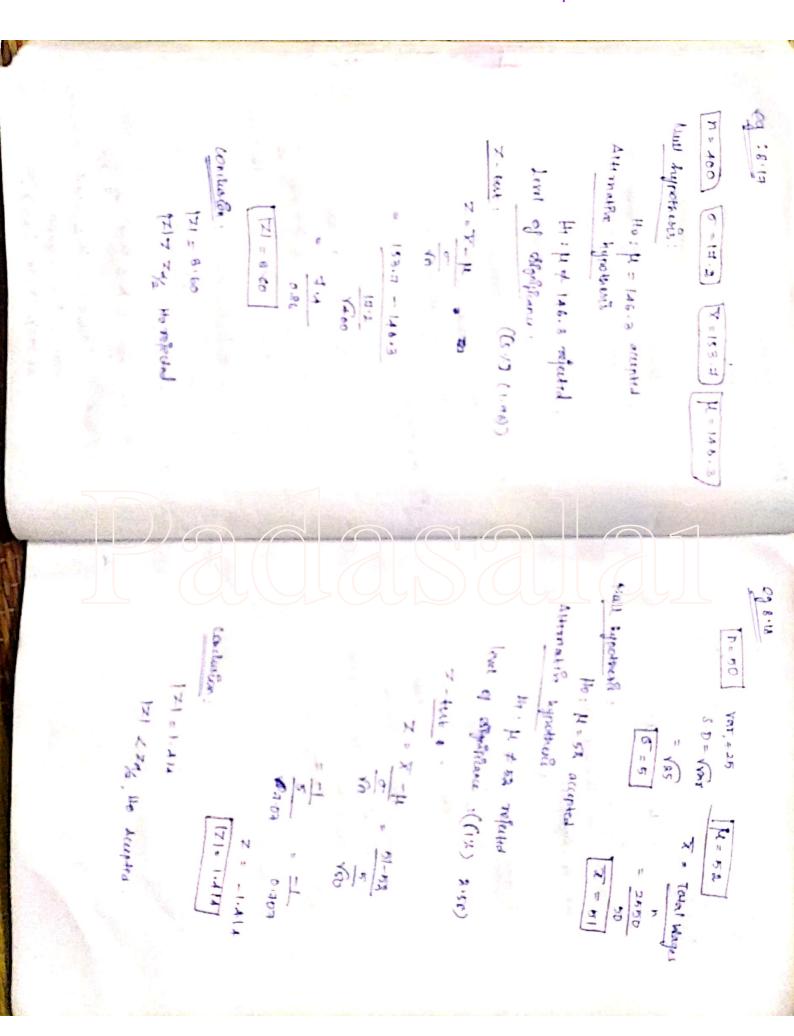
(ii) Confidental limits: (b) 987. (27. (2,33)) conclusion: (a) 95% (5% (1.96)) 3.4 - 1.96 (0.087) = H = 5.4 + 1.96 (0.087) マーマル ラ イルライン 0=2.61, 7=3.4 , n=900 コーストエテカテ か がっと 3,2274 L U = 3,5705 3·4-2.93(0.087) < H & 3·4+2·3(0.087) at 95% (3.23, 3.57). [2] = 1.79.4 (Z) < Z/2 Ho accepted 3.197 5 N 5 3.6027 at 98% (3.197, 3.60). 51.0 ファ 1・72.4 480.0 1900 20.00

Altronative hypothesis:  $H_1: \mu \neq 3.05$  rejected.

level of algorithms: 5%. (1.96)  $Z = X - \mu$   $Z = X - \mu$  Z = X -

0=20 x =390 u=100

n = 100



Null hypothesis;

Null hypothesis;

Ho: 
$$\mu = 8.9$$
 Accepted.

Alternative hypothesis;

 $\mu : \mu = 8.9$  rejected.

South of Significans;

 $\pi = \frac{\pi}{2} - \mu$ 
 $\pi = \frac{\pi}{2$ 

Exercise.

Awthorn Combant:

(ii) 
$$y = (x + c - c^3)$$

(iii)  $xy = (x + c - c^3)$ 

(iv)  $y = (x + c - c^3)$ 
 $xy = (c^2)$ 
 $xy = c^2$ 
 $y = c^2$