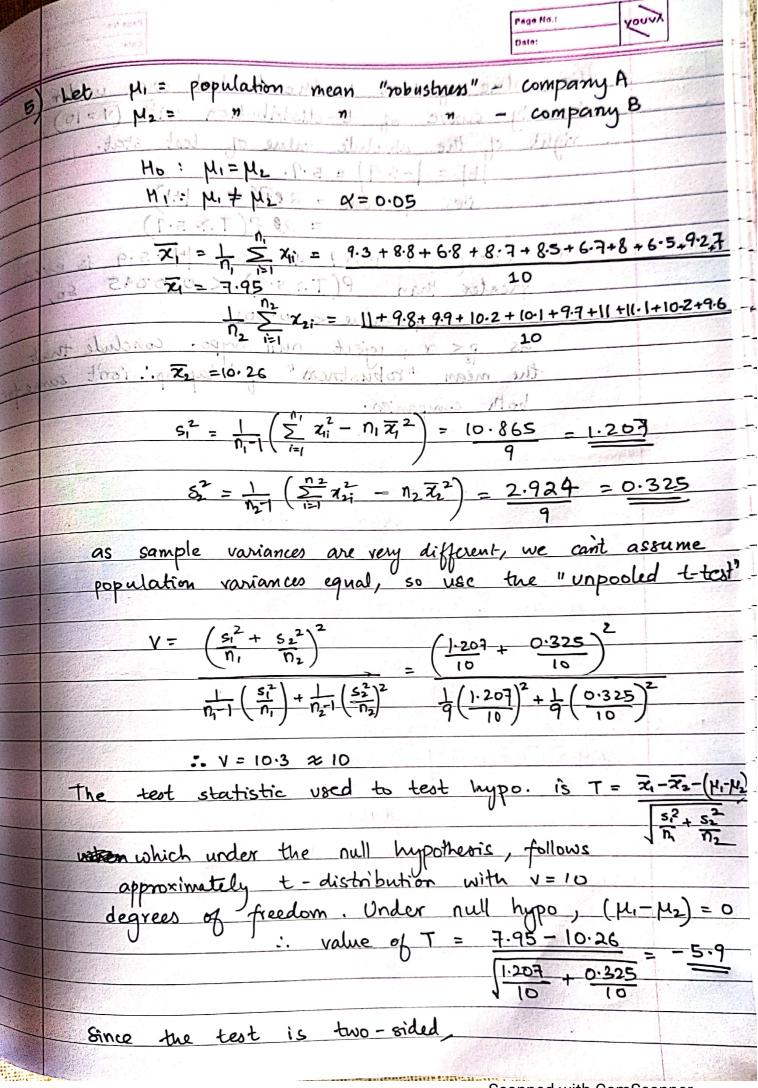
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d.	(Evaluation of Measurement of Hypothesis Testing)	8130014		
	1) $N_0 : P = 0.7$ $N_1 : P \neq 0.7$			
1	test stat: binomial var: with p = 0.7,	1=15		
	$\frac{\text{fest stat} : 61.40 \text{ mats } 20011.2 \text{ continuous}}{X = 8} = \frac{8}{4}  \text{npo} = 15 \times 0.7 = 10.5}$			
A CONTRACTOR	. P = (2P (X ≤ 8 when p=0-7)	- A. Mill		
	$=2\frac{8}{5}b(x;15,0.7)$			
	Marsharis: Ho: PSP			
	= 2 × 0.1311 (from binomial	prob. table		
	= 0.2622			
e-remark	84.0-2.0. 6>0.1 i.e. 9 P>0=	1 1		
10.55	is insufficient reason to doubt +	he there		
	buildus claim.			
Y	100.0= (188.5 = 2.861) = 0.001			
2)	No: P=0:6			
Note that the second of the se	1 Holinb P>0.68 1 & given 72 = 70, n=100, p=0	. 6		
533	prd = 0:05 exactor tool with the ref ragge of			
	modelined mail Zilian x-npo			
	200 miles 2000	2.04		
Car L	$= 70 - 100 \times 0.6$ Pir missi voices - Irritio sui [5160 $\times$ 0.6 $\times$ 0.4]	5 -7480 5 -5		
	5.05.3 : 11			
Nich	Aren N: 31 P = P(Z > 2.04) 2 - 11 1 1			
	= 0.0207 (from table)			
1.5	I as P< x. reject Ho a conclude that new	s drug		
"Alleti Tokasa	supen is the supen	or.		
1. hi	The west region is the coiling region is the the			
	H : U : 500			
-din	dod mi zi moj mi destrib my dien is in bol	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Hit in the second secon			

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	Dale:
(0.113)	Let Pr be proportion of Mumbai votes
14105	Post be proportion of surviounding area residents.
and and the second second second	f. (0 = 9 0)
	↑ · · · · · · · · · · · · · · · · · · ·
	100 2001 100 2001 100 1240 0.514
	$\frac{P_1}{100} = \frac{120 \pm 0.6}{100} = \frac{120 \cdot 1240}{200 \cdot 1500} = \frac{120 \cdot 1240}{2000} = 120 \cdot 1240$
10	201 = 500 x 21 = . QM & 3 = M
	(F-0=q 10/1= 0805x (5/5)=
	(F-0=q 1000 = 000 = x (1 = 75)-
	(Fig. (X) d 2 & 6 (X) 15) 0 (7)
	Hypothesis: Ho: PSP2
dat day	1 Lamony man) 1 Hr 1:0 P, > P2
	= 0.2622
	$ZY = \langle \hat{P}_1 - \hat{P}_2 \rangle \qquad 1.0 < \frac{1}{2} \cdot 0.5 - 0.48$
there	10-514) (1-0-514
	is Englisherent roson to doubt the
	buildus chim
	$z = 2.869 \Rightarrow P(z > 2.89) = 0.0044$
	2) N. : P=0.8
	20 = Now 101 as of < or, moreject to 20 Conclude that
	the proportion of Munibai voters favouring the proposal is highly than population of surrounding area voters.
	proposal is highly than population of
	currounding area voters.
7.04	- 6.0×001 - of -
	(a) : Ho : P = 0,2 the critical region is in right tail
- 7,	H <sub>1</sub> : P > 0.2
	(b) Ho: μ = 3 (the critical region is in both tails.
	$H_1: \mu(\pm 3t) = mort \int \nabla S ds ds$
(xux):	@ Ho: p=0.150 & the donitical region is in left tail
	100 100 No. 1 P < 0.15
	(d) Ho: $\mu = 500$ the critical region is the right tax
	H,: µ >500
	$H_{c}: \mu > 500$



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	the value of test is the doubled density curve of t-distribution u	3(4W (V-10))
	right of the absolute value of test $ t  =  -5.9  = 5.9$ . It	áH
Ţ <u>c</u> P,2-31	= 20 P(T > 5.	9) = 5-9 is even
	greater than P(1>3.7)	000000000000000000000000000000000000000
	the mean "robustness" of lapto	p i'sn't same for