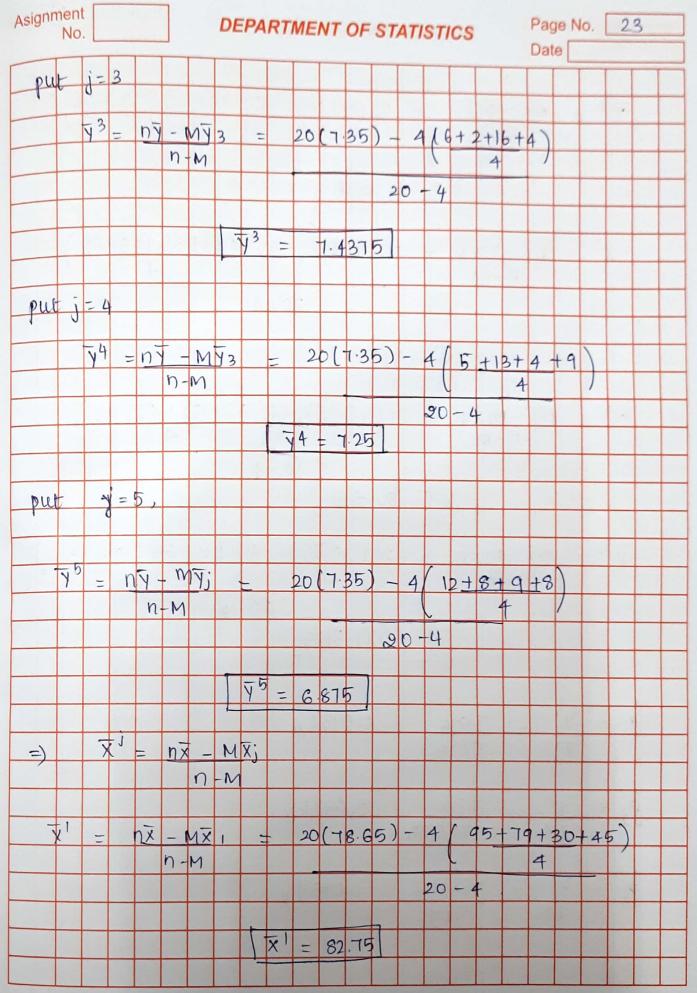
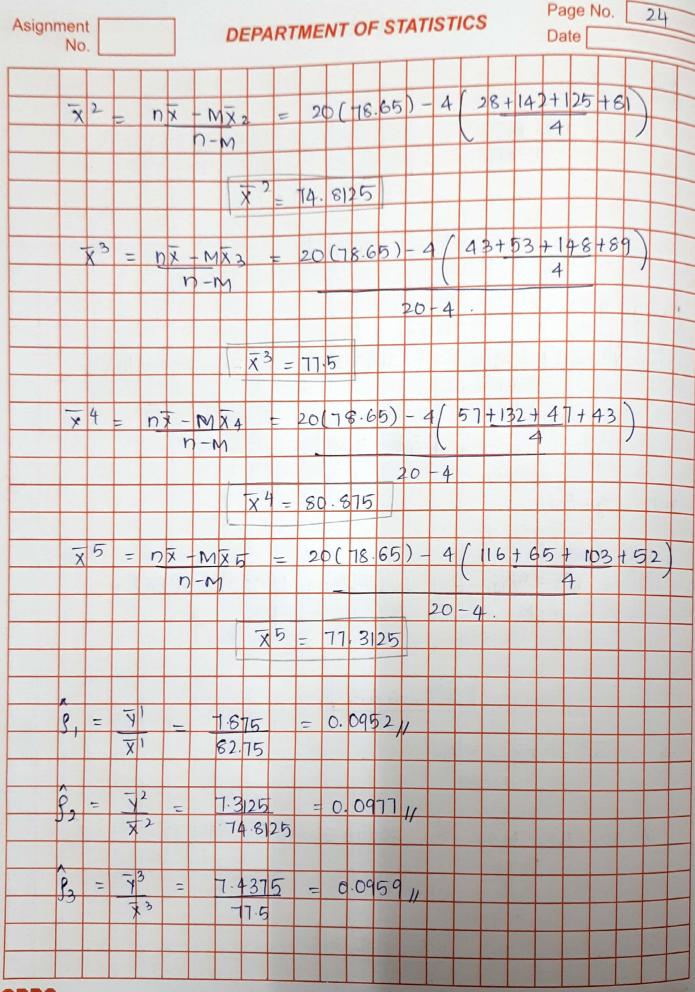


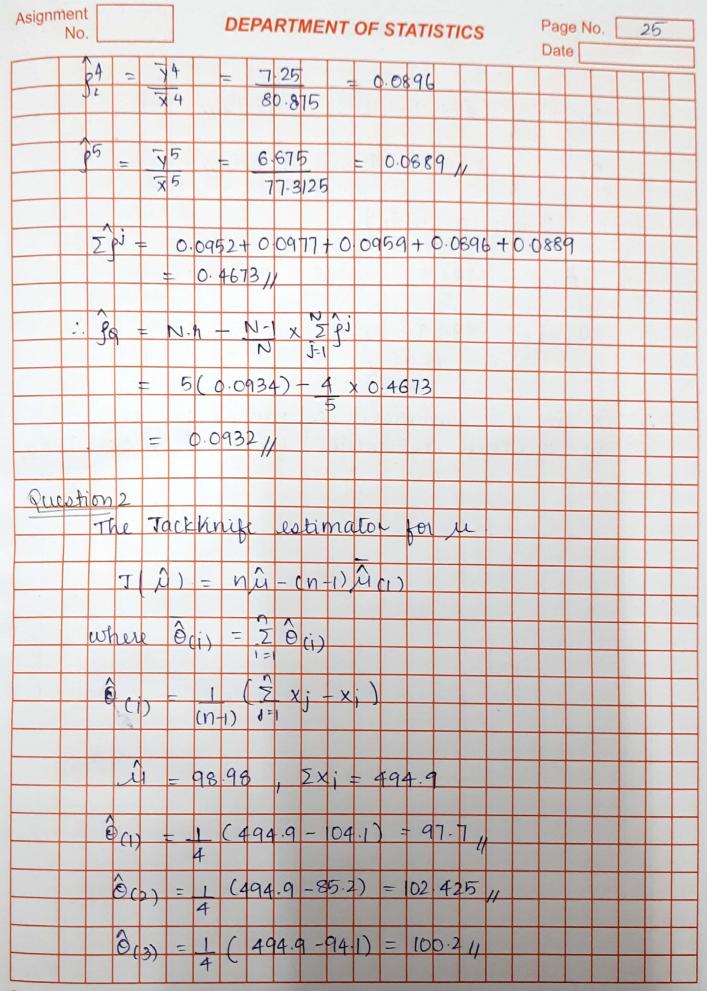
signment No.			DEPA	RTMEN	IT OF	STATI	STICS		age No	0. 20
110.								П		
	-	1 2 1		2						
	2	(32)	= 6	n-1						
					- X	,2				
			= 1) (X)	n - J)				
	, 10		86), 94.		2.7	and 98	3.8		
Xi	. 11	74.17	0,0,0	1 77	1)					
		X -	98.0	18						
10							2			2
	7/2	2) =	(104.	1-989	+ (89	5.2-9	898) + (94.1	-98.0	18)+
			C	112 7	98.9	18)2-	[98.8	-98.	98)2	
						5-				
			-					, 1		
			= 1(7.04	1//					
D = 0.7.1.										
QUESTIC	N - ()3								
Co	iven.		11/1/	10,4						
9	/	,								
	Mea	in =	lo, v	ariar	1 Ce =	4				
		n =	= 20.							
The	Jac	kkni	fe e	stim	ator	of	9 15			
					,	-1-	r	1 - 2	2 (0)	
	J	(9)	= 2	1+6h	t 60h) 7 -	(1+24+	150	7 1	+/12
							+ 105 h ²			
					17	14n	1051			
where;	9\ =	y	97,	= 7		n) =	. V ₂			
will,	, -	X	1 11	×	, ,	12	X			

Asignment No.	DEPARTMENT OF	STATISTICS	Page No. 21
	ean of first 10 te	erms in the	data
$\bar{x}_{\lambda} = m_{\ell}$	an of second 10 te	ims in the c	lata
T, = me	an of first 10 to	erms in the	dalā
7 ₂ = m	ean of second to	terms in tr	re dala
h -> v	ariance.		
X = 78.6			
$\overline{X}_1 = 72.1$		h = A.	
X, -85.		4 3	
91 = Y X	= <u>1.35</u>	1	
91 = 71	= 59 = 0.0818 ₁₁		
$91_2 = \frac{7}{2}$	= 88 = 0.1033 µ 85.2		
1(9) = 3			4+15x42) (0.0818+0.1033)
	1+9×4+	105 x 4 2	
	160.9531		
SRRC	0.0927		

Asignment		DERA	RTMENT	OF STA	TISTICS	Page No. [22
No.	70	DEFAI					
The Qu	ienoi	ulle's	Jackk	nife	estimator	Č8	
-	9	Na -	N-I	J=1			
where;	Ŝ	= 7					
		X					,
	Y)	= 17	- MY	, X	$\frac{1}{1} = n \times - N$	1x J	
		Π	- M				
N=5	of «	size M	=4, r	= 20			N
put j=1							
	$\bar{I}^1 = r$	VM-VZ	1 2				
		n-M					
	¥, =	(9+7+3	+2)=	5.25			
	y =		35) - 4	(5.25			
			20-4				
	71:	= 7.875					
			-				
put j = 2	2 =	ny - Mi	42 =	20[7.3	5)-4/3+8	+9+10	
		n-m				4 /	
					20-4		
		-y ² =	7.3125				







Asignment No. DEPARTMENT OF STATISTICS Date Date Date Department of Statistics Date Date
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$\hat{J}(\hat{A}) = 494.9 - 395.92$ $J(\hat{A}) = 494.9 - 395.92$
J(A) = 499.9 - 395.92
J(A) = 499.9 - 395.92
J(A) = 494.9 - 395.92
1 0000
± 98.98 //
* is an unbiased estimator for u
The Jack Enife estimator for u s \$ (98.98) 1.
The sacretage sometimes for the
X X X