Cam T 0
Note: 1) All quenstions are compulsory & carry equal marks Note: 1) All quenstions are compulsory & carry equal marks Note: 1) All quenstions are compulsory & carry equal marks Note: 1) All quenstions are compulsory & carry equal marks
1 to 1 Subquest
1) right coloured is allowed.
the desile (Da) and 7300 percentile (173) 20-22
(2) a) Final 6th clecile (D6) and 73°0 percentile (P73) (88). Sur Tracoma (n 000Rs) 10-12 12-14 14-16 16-18 18-20 20-22 No. of workers. 15 35 56 60 30 10
No of workers. 15 35 50 60
cc. 1 of correlation.
b) Find the coefficient of 10 19 X 12 14 23 18 10 19 X 12 75 70 94
X 12 14 25 75 70 94 X 68 78 85 75 70 94
(8)
8) 9) 9) calculate mean deviation from mode Prodution in unts 150-154 154-158 158-162 162-166 166-170 170-174
8) 9) 9) Calculare rolling (50-154 154-158 158-162 162-166 166 160 15 10 Production in units (50-154 154-158 158-162 162-166 160 15 10 No. of workers 10 20 15 30 15 10
10.01.30(0)(40)
DFind two regression equations also estimate y when x=35 (7) BFind two regression equations also estimate y when x=35 (7)
and x when $y=80$ mean SD $y=0.4$
7 75 10
S. CAR
92/9) Fit a straight line trend using least square
motheral Flot The
find sales ter year 2001 2003 2004 2005
year 1999 2000 2001 200 No. of Shirts 500 550 600 575 625 600 650
No of Shirb >
OK ,
Ista Calculate 4 yearly moving average & plot on the graph
10ar 2001 2002 2003 2004 2005 2006 2007 2088
Production 50 36:5 43 44.5 38.9 38.1 32.6 41.7
2009 2010 2011
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by From the following data calculate chain base) (28) 1999 2000 2001 13 Commodity weights 12 93) a) A retailer buys a certain item for RS20 and OR sell it fer RS 50 a case. The item is worthless after the first day The probability distribution of the demand is as follows.

Daily demand 30 35 40 45 50

Probability 0.1 0.15 0.2 0.3 0.25 (93) a) A houswife buys a dozen of eggs of which bad. She choose 4 eggs to screenble fer breakly find the probability that she chooses (i) all good eges (II) 3 good & one bad (III) 2 good & and b) Find mean and variance of x for the following probability distribution

X 2 4 6 8 10

P(X) 0.2 0.15 0.5 0.1 0.05 (4) a) Write a note on Statistical Methods b) Draw a less than curve and more than curve fer the data related to factory Bursting poression fer NO - of bags

	Bursting pressur 5-10	re (in kgs)	010.	(PATE)		3
	3.10	re (in kgs)	110.		AND DESCRIPTION OF THE PARTY OF	AND DESCRIPTION OF THE PARTY OF
				of bags		
				9		
	15-20		5	29		
	20-25			54		
	25-36			11		
	30-35			5		
						-
2						
7) 9	Mrite about index num	problems ber.	in the	- Consov	ueticn	ot (7)
E	Represent frequency	following polygen	data	by his	togscim	(8)
	Marks	10-20	20-30	30.50	50-70	70-87
1	vo-of students		15		20	7
			and the state of t			
-		$\mathbf{M}(0)$				
			CA			
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		ann as agus agus channais declarates becames becames and the or recommended on the second contract of the second c	Auto Service Mande of American Confession Co	9)		
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