

YOUN 17T QUESTION PAPERS ON TELEGRAM

Winter Semester 2018-19

Continuous Assessment Test - I

Programme Name & Branch: B.Tech (All Branches)



Course Name & Code: Statistics for Engineers (MAT2001)

Exam Duration: 90 Minutes

Slot: G2+TG2

Maximum Marks: 50

Answer ALL the Questions

S. No.							Que	estion						
1.	Compute the Quartile Deviation for the following data:													[10M
		Size		4-8	8-1,2	12-1	6 16-2	20 20-	24	24-28		8-32	32-36	36-40
		Frequency		6	10	18	30	15		12	1	0	6	2
	The f	ollowin	g are	scores	of two	batsm	en A and	d B in a	series	s of in	ings	:		
2.		A 30		4		66	62	60	34	80	_	46	20	38
		B 34		4	6	70	38	55	48	60		34		
	Calculate the mean, S. consistent player.			n, S.D	and coefficie		nt of vari	iation fo	r each	hateman				
	cone													
, , , , , , , , , , , , , , , , , , ,	The	joint Pro	obabil (, y) =	ity der	sity further, $-(x^2+y^2)$	nction (of rando $x > 0, y$	m variat	ole X	and Y	is gi	ven by	,	15 more [10M]
3.	i) Fi	joint Pro $f(x)$ and the volutions	obabil $(x, y) = 0$	ity der kxye of k.	isity further, -(x²+y²	nction x x x	of rando $x > 0, y$	m variat > 0 endent?	ole X	and Y	is gi	ven by	tional	[10M]
3.	i) Fi	f(x) Ind the volutions se that the	obabil $(x, y) = 0$ value (ity der kxye of k. gth of	ii) Ar	nction x	of rando $x > 0, y$	m variat > 0 endent?	ole X	and Y	is gi	ven by	tional	[10M]
	i) Fi	f(x) f(x) Ind the volutions se that the robability	obabil $(x, y) = 0$ value (continue) the lendry den	ity derived ity de	ii) Ar iii) Ar iiine a	nction x	of random $y > 0$, $y = 0$ indepositor will	m variat > 0 endent?	ole X	and Y	is gi	ven by	,	[10M]
	i) Fi	f(x) f(x) Ind the volutions se that the robability	obabil $(x, y) = 0$ value (continue) the lendry den	ity derived ity de	ii) Ar iii) Ar iiine a	nction x	of random $y > 0$, $y = 0$ indepositor will	m variat > 0 endent?	ole X	and Y	is gi	ven by	tional	[10M]
	i) Fi distributions Suppose with pr	joint Pro $f(x)$ and the valuations se that the robability $f(x)$	obabil $(x, y) = 0$ value of the lend by den $= \begin{cases} 50 \\ 0 \end{cases}$	ity der $= kxye$ of k . gth of sity fi $= kxye$	ii) Ar iii) Ar iiii ar inction	nction x $e x \text{ and}$ $x \text{ transis}$ $x > 0$ $x \text{ therew}$	of rando $y > 0$, $y = 0$ indepositor will	m variat > 0 endent? work ir	ole X (ii	and Y	is gi	ven by	tional	[10M]
	i) Fi distribution with profits the second control of the second c	foint Professional form $f(x)$ and the various see that the robability $f(x)$ be mome	obabil $(x, y) = 0$ value of the lend by den $(x, y) = 0$ $(x, y) = 0$ the lend by den $(x, y) = 0$ out gen	ity derivative $\frac{kxye}{kxye}$ of $\frac{k}{k}$. In the second $\frac{k}{k}$ of $\frac{k}{k}$	ii) Ar iii) Ar iiii ar inction	nction x $e x \text{ and}$ $transit$ $x > 0$ there	of rando y > 0, y indepositor will	m variab	ole X (ii	and Y i) Find	is gi	condi	tional andom va	[12M] riable X
	i) Fi distribution with profits the second control of the second c	foint Professional form $f(x)$ and the various see that the robability $f(x)$ be mome	obabil $(x, y) = 0$ value of the lend by den $(x, y) = 0$ $(x, y) = 0$ the lend by den $(x, y) = 0$ out gen	ity der $kxye$ of k . gth of sity fit $00e^{-5}$ gerating is con-	ii) Ar iii) Ar iii) Ar inction 00x	nction x $e x \text{ and}$ $transit$ $x > 0$ $therw$ $tion an$ $nt of co$	of rando > 0, y y indep stor will ise d hence	m variable > 0 endent? work in find men between	ole X (ii	and Y i) Find	is gi	condi	tional andom va	[12M] riable X
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SEARCH VIT QUESTION PAPERS

ON TELEGRAM YO JOIN

[10M]