Property

	MENTUWENTERS H/WE/C/WE Dated:/20	<u>.</u> 7
	(Question No -1)	
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
-	Given.	
	X= no of heads Obtained	
	by Alipping Com 4-time.	40
	CAPTURE CHARACTER CONTRACTOR	
	Required:	
E N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	a, Plop Cd7 of X	
*	b) P[2 <x43]=p< th=""><th></th></x43]=p<>	
	$P[0.7 \le X \le 1.3] = ?$	-117
	P[12 X < 3] = ?	
Water Control of the		
1	Sol	
	a, Plotting	
	V(8) = [0,1,2,3,4]	
	x(S) = [0, 1, 2, 3, 4]	
	Pr(0) = 1/1 = 0.0625	
	1X(Q) = 1/P = 0.000.	
	Px(1) = 4/16 = 0.25	
-		
ř	Px(2) = 6/16 = 0.375	7
E .		11.
	Px(3) = 1/16 = 0.25	1
	Px(4) = 116 = 0.0626	3
	Y(6)	
_	11/11	
-	16	
	3 4 . 5	
	12 11 - 0	

	MOTOWOTOFOS H/WO-C/WO Dated:/20	
	(b)	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	P[2< XL3] =?	
	00 - 2	
4-	b[x > 5] = [0.0692 + 0.52]	
	D[112]	
	P[x>2] = 0.687c	
C. S. Marie	P[x<3] = P[0]+P[1] + P[2] + P[8]	
	1 [X-2] - 1 [0] II [1] + 1 [2] + 1 [3]	
	b [x<3] = 0.0P527+0.92+0.312+0.52	
	100 100 2	
	P[x<3] = 0.9375	
	Pr.	ž.
	18[2< X < 3] = 0.25	_
	1.6	
	$P[o\cdot 7 \leq \times \leq 1\cdot 3] = ?$	
		¥
	$P[0.7 \le x \le 1.3] = P[x \le 1.3] - P[x \le 0.3]$	
	= 0.3125-0.0625	
	P[0.7< X<1.3] = 0.25 Ans	120
		196
	- xx - xx - xx - xx	
		1 Ison
		.1
19		
	·	
476	Best Quality	
and the same		

(D)-14

	M□T□W□T□F□S	
	(Questim No 2)	
	Given.	
	B. A. T. T. C. A. L. F. M. S. D. C. 120 A. 199.	
	(16)	
	الم الع العالم	
741-0A	Two notes drawn randomly	
	vitt on Replacement	
TO EN	72 3 12 7 F 2 1 1 7 1 6 1 1 7 1 6 1 6 1 1 1 1 1 1 1 1	
	Regimes.	
	5) P[6=x=87=7	
	5) 165x587=7	
	Sal	
	a, plating = ?	
-	XII) total amont when two	
	notes drawn mondamely	
		-
	$X/S \neq \{(10,10),(10,50),(50,10)\}$	
	4	
	ToTal no (10,10) = 9! 9x8x71	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	0 6 = 36	
and the second	Total no (10,50) = 9	
	(50,10) = 9	
1	Total longth of X(g) = 54	
	Best Quality	
- '		a 9"

	MOTOWOTOFOS H/WO-C/WO Dated://20	
	Now	District 1
	P[20]= 35/4 [DEXTO	
	P[20] = 0.666 [82x22]9 (2	•
	P[60] = 18/54	
	P[60]= 0.333	
	0.666	
	0.333	
	20 60	
	(b) P[20 < X < 60]=}	, '
	b[50 < x < 90] = b[x < 50] - b[x < 10]	
	$ S[SO = X \cap PO] = 0.333$ $= 0.999 - 0.333$	
	-xx -xx -xx	
(e12)	(Questim No:3)	
	Given:	_
	C= 1,2,3	
	Cd7 d1 X=? for k= 0 to 4	164
Agricus .	P + Best Quality	

MUTUWUTUFUS	H/WII-C/WII	Dated:/20
Regimed.		
	1.2	
a) P[x>	(4)	() (S) (S) (S)
b) P[6≤	VERT	
6) [7]	∧ = u	
Sul	H Z	
3	, , , 1	
<u> </u>	andom Veniable	e
Pk =	0.6/k2 k	= 1,2,3,
P ₁ = 0.1	6/1	
D 6	1	100
$P_{i} = 0$	6/5 = 10 = X >	, -10 -11
12=	/9	
P2 = 0	:15	
D 1. p	Jan is in	<u></u>
P3 = 0.6/	9	
13=	0 007	
Py = 0.1	16	
		. 1
Yy = 0	7580	
Ph = 0.16	= 0.0044	
36		
D 0.1	6/	
18=	by = 0.0025	
	P_{i}^{i} , γ_{i}	and the second second

MUTUWUTUFUS H/WU-C/WU Dated://20	
a) P[x>4]	
$P[x>4] = 1 - \sum_{k=1}^{\infty} P_k(x)$	
P[x>4]= 1- (0.6+ 0.11+0.06+ 0.0375	
+ 0.00AA ~0.0052·)	,
P(x>4)= 0.1386	
(P) b(1= X = 8)	
(5) P (5 X 5 6)	
P[P∈X∈8] = b[P]+b[J]+bb8]	
= 0.0044+0.0038+0.0027	
[P[b <x<8] 0.0101]<="" =="" td=""><td>in in the second</td></x<8]>	in in the second
-xx - xx - xx - xx - xx	
$\frac{-x - xx - xx - xx - xx - xy}{(Question No =) 4)}$	
Gara	
Grunsmission time X of	
message in a Comminication	
Bystem. has Epperential distrib-	
tim.	
1	
P 7 140	
Best Quality	
Yanta)	

Required: a, $P(x > 3) = ?$ b) $P(2 \le x \le 4] = ?$ Set a) $P(x > 3) = ?$		M□T□W□T□F□S	
a, $P[x > 3] = ?$ b, $P[2 \le x \le 4] = ?$ $P[x > 3] = 1 - P[x \le 3]$ $P[x > 3] = 1 - P[x = 3]$		Regured:	
$P(x > 3) = 1 - P(x \le 3)$ $= 1 - [P(0) + P(1) + P(2) + P(3)]$ $P_{A} = \frac{x - 4}{x!}$ $P_{0} = 1 - \frac{1 - 4}{4!} = \frac{1}{4!}$ $P_{1} = \frac{1 - 4}{4!} = \frac{1}{4!}$ $P_{2} = \frac{1 - 4}{4!} = \frac{1}{4!}$ $P_{3} = \frac{1 - 4}{4!} = \frac{1}{4!}$ $P_{4} = \frac{1 - 4}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$ $P(X > 3) = 1 - \frac{1}{4!} = \frac{1}{4!}$			
$P(x > 3) = 1 - P(x \in 3)$ $= 1 - [P(0) + P(1) + P(2) + P(3)]$ $P_{\Lambda} = \frac{1 - e^{-1}}{x!}$ $P_{0} = 1 \cdot e^{-1} = e^{-1}$ $P_{1} = \frac{1 - e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1 \cdot e^{-1}}{2!} = e^{-1}/2$ $P_{3} = e^{-1}/6$ $P_{4} = e^{-1}/6$ $P(X > 3) = 1 - e^{-1}(1 + 1 + \frac{1}{2} + \frac{1}{6})$ $= 1 - \frac{1}{2}(2 \cdot 66)$ $P_{1} = \frac{1 - e^{-1}}{2!}(2 \cdot 66)$		$\alpha, P[X > 3] = ?$	
$P(x > 3) = 1 - P(x \in 3)$ $= 1 - [P(0) + P(1) + P(2) + P(3)]$ $P_{\Lambda} = \frac{1 - e^{-1}}{x!}$ $P_{0} = 1 \cdot e^{-1} = e^{-1}$ $P_{1} = \frac{1 - e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1 \cdot e^{-1}}{2!} = e^{-1}/2$ $P_{3} = e^{-1}/6$ $P_{4} = e^{-1}/6$ $P(X > 3) = 1 - e^{-1}(1 + 1 + \frac{1}{2} + \frac{1}{6})$ $= 1 - \frac{1}{2}(2 \cdot 66)$ $P_{1} = \frac{1 - e^{-1}}{2!}(2 \cdot 66)$	Company of the compan	L P[2 < X < 4] -2	
$P(x > 3) = 1 - P(x \le 3)$ $= 1 - [P(0) + P(1)] + P(2) + P(3)$ $P_{A} = \frac{1 \cdot e^{-A}}{x!}$ $P_{0} = \frac{1 \cdot e^{-A}}{x!} = e^{-A}$ $P_{1} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{2} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{3} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{4} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{5} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{1} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{2} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{3} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{4} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{5} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{7} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{1} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{2} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{3} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{4} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$ $P_{5} = \frac{1 \cdot e^{-A}}{2!} = e^{-A}$			
$P[x>3] = 1 - P[x=3]$ $= 1 - [P[0] + P(1] + P[2] + P[3]$ $P_{A} = \frac{x \cdot e}{x!}$ $P_{0} = \frac{1 \cdot e}{x!} = e^{-\frac{1}{2}}$ $P_{1} = \frac{1 \cdot e}{1!} = e^{-\frac{1}{2}}$ $P_{2} = \frac{1 \cdot e}{2!}$ $P_{3} = e/b$ $P(x>3) = 1 - e^{-\frac{1}{2}}(1+1+\frac{1}{2}+\frac{1}{6})$ $= 1 - \frac{1}{2}(2\cdot66)$ $P = \frac{1 \cdot e}{2} = e^{-\frac{1}{2}}$			<i>i.</i>
$P[x>3] = 1 - P[x=3]$ $= 1 - [P[0] + P(1] + P[2] + P[3]$ $P_{A} = \frac{x \cdot e}{x!}$ $P_{0} = \frac{1 \cdot e}{x!} = e^{-\frac{1}{2}}$ $P_{1} = \frac{1 \cdot e}{1!} = e^{-\frac{1}{2}}$ $P_{2} = \frac{1 \cdot e}{2!}$ $P_{3} = e/b$ $P(x>3) = 1 - e^{-\frac{1}{2}}(1+1+\frac{1}{2}+\frac{1}{6})$ $= 1 - \frac{1}{2}(2\cdot66)$ $P = \frac{1 \cdot e}{2} = e^{-\frac{1}{2}}$	्र स्ट १	$\alpha, P(x > 3) = ?$	
$= 1 - [P(0) + P(1) + P(2) + P(3)]$ $P_{A} = \frac{1}{x!} - \frac{1}{x!}$ $P_{0} = 1 - \frac{1}{x!} - \frac{1}{x!} = \frac{1}{x!}$ $P_{1} = \frac{1 - \frac{1}{x!}}{1!} = \frac{1}{x!}$ $P_{2} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1}{x!}$ $P_{3} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1}{x!}$ $P_{4} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$ $P_{5} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$ $P_{1} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$ $P_{1} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$ $P_{2} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$ $P_{1} = \frac{1 - \frac{1}{x!}}{2!} = \frac{1 - \frac{1}{x!}}{2!}$			
$P_{A} = \frac{x^{2} \cdot e^{-A}}{x!}$ $P_{0} = \frac{1 \cdot e^{-1}}{x!} = e^{-1}$ $P_{1} = \frac{1 \cdot e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1^{2} \cdot e^{-1}}{2!} = e^{-1}$ $P_{3} = \frac{e^{-1}}{2!}$ $P_{4} = \frac{e^{-1}}{2!}$ $P_{5} = \frac{e^{-1}}{2!}$ $P_{6} = \frac{e^{-1}}{2!}$ $P_{1} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{2} = \frac{e^{-1}}{2!}$ $P_{3} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{4} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{5} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{7} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{1} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{2} = \frac{e^{-1}}{2!} = e^{-1}$		P[x>3] = 1- P[x=3]	
$P_{A} = \frac{x^{2} \cdot e^{-A}}{x!}$ $P_{0} = \frac{1 \cdot e^{-1}}{x!} = e^{-1}$ $P_{1} = \frac{1 \cdot e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1^{2} \cdot e^{-1}}{2!} = e^{-1}$ $P_{3} = \frac{e^{-1}}{2!}$ $P_{4} = \frac{e^{-1}}{2!}$ $P_{5} = \frac{e^{-1}}{2!}$ $P_{6} = \frac{e^{-1}}{2!}$ $P_{1} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{2} = \frac{e^{-1}}{2!}$ $P_{3} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{4} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{5} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{7} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{1} = \frac{e^{-1}}{2!} = e^{-1}$ $P_{2} = \frac{e^{-1}}{2!} = e^{-1}$			
$P_{0} = \frac{1 \cdot e^{-1}}{1!} = \frac{e^{-1}}{1!}$ $P_{1} = \frac{1 - e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1^{2} \cdot e^{-1}}{2!} = \frac{e^{-1}}{2!}$ $P_{3} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{e^{-1}}{6!}$ $P_{6} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{2} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{3} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{1 - e^{-1}}{6!} = \frac{e^{-1}}{6!}$		= 1 - [P[o] + P[1] + P[2] + P[3]	
$P_{0} = \frac{1 \cdot e^{-1}}{1!} = \frac{e^{-1}}{1!}$ $P_{1} = \frac{1 - e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1^{2} \cdot e^{-1}}{2!} = \frac{e^{-1}}{2!}$ $P_{3} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{e^{-1}}{6!}$ $P_{6} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{2} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{3} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{1 - e^{-1}}{6!} = \frac{e^{-1}}{6!}$			3
$P_{0} = \frac{1 \cdot e^{-1}}{1!} = \frac{e^{-1}}{1!}$ $P_{1} = \frac{1 - e^{-1}}{1!} = e^{-1}$ $P_{2} = \frac{1^{2} \cdot e^{-1}}{2!} = \frac{e^{-1}}{2!}$ $P_{3} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{e^{-1}}{6!}$ $P_{6} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{1} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{2} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{3} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{4} = \frac{e^{-1}}{6!} = \frac{e^{-1}}{6!}$ $P_{5} = \frac{1 - e^{-1}}{6!} = \frac{e^{-1}}{6!}$		$P_{\Lambda} = \frac{\lambda^{\kappa} \cdot e^{-\lambda}}{2}$	
$P_{1} = \frac{1 - e^{1}}{1 - e^{1}} = e^{1}$ $P_{2} = \frac{1 \cdot e^{1}}{2!} = \frac{e^{1}}{2!}$ $P_{3} = \frac{e^{1}}{b}$ $P_{4} = \frac{e^{1}}{b}$ $P_{5} = \frac{1 - e^{1}}{b}$ $P_{1} = \frac{1 - e^{1}}{2!} = \frac{1 - e^{1}}{b}$ $P_{2} = \frac{1 - e^{1}}{b} = \frac{1 - e^{1}}{b}$ $P_{3} = \frac{1 - e^{1}}{b} = \frac{1 - e^{1}}{b}$	100	X	
$P_{1} = \frac{1 - e^{1}}{1!} = e^{1}$ $P_{2} = \frac{1^{2} \cdot e^{1}}{2!} = \frac{e^{1}/2}{2!}$ $P_{3} = \frac{e^{1}/6}{1!}$ $P_{4} = \frac{e^{1}/6}{1!}$ $P_{5} = \frac{1 - e^{1}}{2!} = \frac{1 - e^{1}/2}{1!}$ $P_{6} = \frac{1 - e^{1}}{2!} = \frac{1 - e^{1}/2}{1!}$ $P_{7} = \frac{1 - e^{1}}{2!} = \frac{1 - e^{1}/2}{1!}$ $P_{7} = \frac{1 - e^{1}}{2!} = \frac{1 - e^{1}/2}{1!}$	<u> </u>	Por= l'é e - é	
$P_{2} = \frac{1!}{2!} = \frac{e}{\sqrt{2}}$ $P_{3} = \frac{e}{\sqrt{6}}$ $P_{4} = \frac{e}{\sqrt{6}}$ $P_{5} = \frac{e}{\sqrt{6}}$ $P_{6} = \frac{e}{\sqrt{6}}$ $P_{7} = \frac{e}{\sqrt{6}}$ $P_{8} = \frac{e}{\sqrt{6}}$ $P_{1} = \frac{e}{\sqrt{6}}$ $P_{1} = \frac{e}{\sqrt{6}}$		0! 0! 0! 0! 0! 0! 0! 0! 0! 0! 0!	
$P_{2} = \frac{1!}{2!} = \frac{e}{\sqrt{2}}$ $P_{3} = \frac{e}{\sqrt{6}}$ $P_{4} = \frac{e}{\sqrt{6}}$ $P_{5} = \frac{e}{\sqrt{6}}$ $P_{6} = \frac{e}{\sqrt{6}}$ $P_{7} = \frac{e}{\sqrt{6}}$ $P_{8} = \frac{e}{\sqrt{6}}$ $P_{1} = \frac{e}{\sqrt{6}}$ $P_{1} = \frac{e}{\sqrt{6}}$		D - 1 - e	
$P_{3} = \frac{e}{b}$ $P_{4} = \frac{e}{1b}$ $N(w)$ $P(x) = \frac{1}{2} + \frac{1}{2} + \frac{1}{6}$ $= 1 - \frac{1}{2} (2.66)$ $P_{5} = \frac{1}{2} = \frac{1}{2}$		11 = = e	
$P_{3} = \frac{e}{b}$ $P_{4} = \frac{e}{1b}$ $N(w)$ $P(x) = \frac{1}{2} + \frac{1}{2} + \frac{1}{6}$ $= 1 - \frac{1}{2} (2.66)$ $P_{5} = \frac{1}{2} = \frac{1}{2}$		D = 12. e	
$P_{4} = e/16$ $N(w)$ $= 1 - \frac{1}{2}(2.66)$ $P_{5} = 1 - \frac{1}{2}(2.66)$		1/2 =/2	
$P_{4} = e/16$ $N(w)$ $= 1 - \frac{1}{2}(2.66)$ $P_{5} = 1 - \frac{1}{2}(2.66)$			
$P(X)^{3} = 1 - e^{(1+1+\frac{1}{2}+\frac{1}{6})}$ $= 1 - \frac{1}{e}(2.66)$		P3 = e/b	
$P(X)^{3} = 1 - e^{(1+1+\frac{1}{2}+\frac{1}{6})}$ $= 1 - \frac{1}{e}(2.66)$		20 1 10 10	
$P(X>3) = 1 - e'(1+1+1/2+1/6)$ $= 1 - \frac{1}{e}(2.66)$		Py = e/16	
$P(X>3) = 1 - e'(1+1+1/2+1/6)$ $= 1 - \frac{1}{e}(2.66)$		- 1 mil indicate and	
$= 1 - \frac{1}{e} (2.66)$		1/(00)	
$= 1 - \frac{1}{e} (2.66)$		P(X\3)-1 = 1 (1+1+1, 11)	
Pateo			
P & TF O Best Quality		= 1- = (2.66)	
Best Quality		PoTro	
		Best Quality	

M□T□W□T□F□S H/W□-C/W□ Dated://20	
P(x>3) = 1-0,982	
P[x>3]= 0.0175	
CIN De Carrette de la	
(b) P[2 < X < 4] =?	
Sul	
P[2 < x < 4] = P[2] + P[3] + P[4]	
= e/2 + e/6 + e/24	
- PHE PURE HAVE ALTHOUGH THE CONTROL OF THE	
$= \sqrt{e} \left(\frac{12+4+1}{2} \right)$	
49/	
= /e (724)	
P[2 < X < Y] = = (0.7083)	
b[3 <x (0.="" 1083)<="" =="" a]="£" td=""><td></td></x>	
[P12 < x < 4] = 6.2609	
Ans Ams	
wy - wx - xx -	
1 x x x x x x x x x x x x x x x x x x x	
16 0 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
121 -0 - 721	
	21
Best Quality	
	II.

M□T□W□T□F□S H/W□-C/W□ Dated://20	
(Questron No: 5)	
	4
Criven:	
#= 13 1 df	
V= difference yw no 4	
Y= difference yw no of head & no of tails in	
3 toss cer.	rè
Reguredi	
9, cd7 2 y	- 4
b) mean & vaniance of V=?	
MILETER STREET	* 1
Sal	
- 10 15 H 30 2 - 1 2 - 1 2 - 1	
(3) S= EHHH, HHT, HTH, THH, HTT, THTE	
774,777 ?.	
	4 4
when there k heard and touch	
is type difference use differ two	
racional particle Library	
X=1 U, SHHT, HTH, THH, TTH, THT	
TTH?	
$x=2$ J_2 HHH, TTT	
((5) < \(\xi\)	
$P_{X}[i] = \% = \frac{3}{4} = 0.75$	
$P_{X}[3] = \frac{2}{8} = \frac{1}{4} = 0.25$	
2500	
	-
Proc. (13%)	

MUTUWUTUFUS H/WU-C/WU Dated:/20	
(5) mean form:	
A STATE OF THE STA	1134
$\langle u \rangle^{n} = \sum \chi^{k} \cdot f^{k}(u)$	
= E[X] - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
~	
$E[X] = \sum_{N=0}^{\infty} x \cdot P_{N}()()$	
η=0; , , , , , , , , , , , , , , , , , , ,	<u>h</u>
DA Value	1 2.00
E[x7 = 1(0.71).+3(0.25)	
E[x] = 1.5	
-xx -xx -xx	
(Question No: 6)	
and a state of the	-
Given	
Sc= \1,2,3,4\	
22112	
c is uniform random veniable.	
W= power	
$M=3c^2$	
Regured:	
Pla cd7 of C & M.	
Petro	
Best Quality	
nest Quanti	

	M□T□W□T□F□S	
	Sul	
	Pe[1]= -4 = 0.25	
	$\frac{ f_{c}(x) }{ f_{c}(x) } = 0.25$	
	P C - 2 () - ()	
	1 < 3 = 74 = 62,	
	P((4) = 1/4 = 0.21	
		-
	E[c] = 1+2+3+4 = 10/4 = 2.5	-
	9	
1		
777	Mare	
n.	VARPC] = E[x2]-E'[x]	
1	A CALL DA RATESON ())	
	= 7.5-6.25	
.	120	
<u></u>	11AR[c] = 1.35	
	K=0 P[0]= =0	
	C=1 P[0] + P[1]	
	c=2 $(c=1)+P(2)$	
	(=3 (c=5) + [3]	
	C=4 (C=3) + P(4)	
	0.75	
	0:5	
	0.21	
, ,		
	1 ² F 7 0	
	Best Quality	

M□T□W□T□F□S H/W□-C/W□ Dated:	
1/d = {3,12, 24, 48}	
PW(3) = 14 = 0-25	
$ ^2w(12)=/y=0.2r$	
Pw(24) = Pw(48) = 0.25	
1w(24) = 1w(10)	
As	
W = 3(2) $E[w] = E[3(2)]$	
= 3(7.5)	
F. []	
E[w] = 22.5	
E ² [w] = 506.25	
E[w2]= 796.5	
VAR(w2) = 796.5- 50.6.25	
VAR[w2] = 290.25	
1	
9.76	
0.5	
6.25	
3 12 24 48	
——————————————————————————————————————	
the END	
Best Quality	
()	-MIT