Name of Paper:
Studistics for IT

Course and year: . .

HNDIT I

CONFIDENTIAL.

Name of the Examination: First year, Second Semesters
Title of Paper:
(Please write legibly or type on one side of the Paper)
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(b) Number of Students in a class 7 similar answers
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Signature of Examiner:
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	Title of Paper: Month:	•••••	Year:		
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	(b) Using table sexpected sun	0- 44	55 X4	=400.	ζ
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Date of Moderation: C2/c1/2c17.

Signature of Examiner: ..

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1-1.8	12	12	. 0	13.2		·	
02-1,4	18	30	1.3	83.4			
·4-1·b		36	1.5	. 9	•		
16-1.8	24	60	1:7	40.8			
·8-2·0	30	90	1.9	<i>97</i>			*
3.0-2.2	S	95	a·1	10.5			
2-2-2:4	17	112	2.3	39,1	e sodia sa∰ayya casa .		The Real Property of Continues and
8.4-8.6	28	140	8,5	N .		,	and the second s
	140	-,		₽63.			
(1) Mode	$\frac{1}{2}$	· \ . (M XC	= 1.8-	the same of the sa	X0.2:	= 1.83
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ii) Media	ab = L	+ 14	<u> - F7;</u>	(C=1.8-	- [70-b	$\sqrt{10.2}$	= 1086 6 7
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Date of Moderation: 02/c1/2017.

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	e of Paper: Course and year:
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)	(1) 9 9^2 (a) $9 = \frac{1}{2}9 = 88 = 17$
	10 100 N. n. S
	$Varianu(2) = \frac{7}{2} 2i^2 - \overline{a}^2$
	18 324 · N
	$20 \text{ 4} \omega = 1593 - 17^2 = 89.6$
	25 625
	$\frac{85}{5} = \frac{1593}{3} \qquad (b) SD(S) = \sqrt{94.8} = 6.4406.$
	$\frac{7}{5}$ $\frac{9}{5}$ $\frac{7}{5}$ $\frac{2}{7}$
	(1)
	Rong of good Homs = between 94 and 106.
	(11) $(n+1)$, $-(n)$ = $(n+1)$ $+(n+1)$.
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Title of Paper:	Month:	Year:
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(v) 6) $4p = 84$		
4		
(b) 30 = 10		
13		
(c) $84-b = 18$		
(V) 5 x b = 10	0 × 15 = 150,	
2 2		
		Alexander and a second a second and a second and a second and a second and a second a second and a second a second and a second and a second a second a second a
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(a) E, UF, = {1H, 2H3H, 4H, SH, 8H, 3T, ST

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me of Paper :	Course and year:
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Title of Paper: Month:	Year:
(Please write legibly or type on one side	of the Paper)
(111) $A \Rightarrow 2/3 (a) 3/3 + B \qquad \mathcal{H} = 1$ $1/7 \qquad \qquad 7$	
(a) $Q(A) = 2 + 1 = 3$ 2 + 1 = 3	
$\begin{array}{c c} (b) & P(B) = 3 + 1 = 4 \\ 7 & 7 & 7 \end{array}$	
$(c) \cdot p(A \cap B) = \bot$	
(a) $p(AUB) = 2 + 1 + 3 = 6$ 2 + 3 = 3	
(e) $P(A \cap B)' = 1 - P(A \cap B) = 1 -$	$\frac{1}{2} = \frac{6}{4}$

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	(Please write legibly or type on one side o	f the Pa	iper)	
)	(1) Binomial Poisson - Discrete		,	
		obsi	MOUS	†
		·		
	(11) $p(x=m) = 1 \times m$ 2 2 3.4	15		•
	(a) 14 $0(x=m)$ 2 3 4	5		
	114 14 14	14		
	(a) $p(x(2) = p(x=2) = 3 = 1$			•
	14.7			•
	() $E(x) = \sum_{x} D(x) = 2x2 + 3x3 + 1$	4x4	2x2+.	
	14 14	.14	14	
	= .4+9+16+2	S =	54-8	37
	14		14	7
			***************************************	8 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	(d) $E(x^2) = 2x^2p(x) = 8x^2 + 3x^3 + 4$	2 74 =	15×2+	
	14.14	14	14	
				

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Date of Moderation: 02/01/2017

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CONFIDENTIAL	SCHEME OF ASSESSME	
Name of the Examination: Title of Paper: Month:	Year:	
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(II) $p = 0.4$, $q = 0.6$ $n = 15$	100	
$p(x=y) = y_0 p_1 q_{y-1} = 15 (0.6)$	(06) D-1	
6) DS exactly two days 4= 15, 10-4) 1	0.61 = 0.6219	
$\begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 $	0.00) = 0.0219	
6) DSloss han ON PHULL 3 duns 4		
$= p(X \le 3)$		
$\geq D(X=0) + P(X=1) + P(X=2) + P(X=3)$		
= 15 (0-4) (0-6) + 15 (0-4) (0-6) + 15	(0-4) x(0-6) = + (- (04) /02	
2	3	
= 0.0905		
(c) PSmore man 3 days &= PEX>3)		
1 1000 1000 5 - 1000 5)	
$= 1 - P(X \subseteq 3)$ $= 1 - O \cdot 090 \le 3$		
= 0.9090		
Signature of Examiner:		
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