Date: 24/04/2022

	A	В	С	D	Е	F	G	Н
1	Five fair coin are tossed 100 times. From the following data fit the appropriate distribution and find							
2	the expected frequ			<i>S</i>				
3	1 1							
4	No. of Heads (x)	f	p(x)	Expected Frequency f(x)	Round f(x)			
			=BINOM.DIST					
			(A6,\$C\$16,\$C\$		=ROUND			
5			19,FALSE)	=C6*\$C\$18	(D6,0)			
6	0	2	0.01504592	1.504591951	2			
7	1	10	0.098912989	9.891298935	10			
8	2	24	0.260104528	26.01045275	26			
9	3	38	0.341989286	34.19892862	34			
10	4	18	0.22482629	22.482629	22			
11	5	8	0.059120987	5.912098737	6			
12		100						
13								
14								
14								
15	Cases	Symbol	Value	Formula				
		Symbol n		Formula =MAX(A6:A11	1)			
15			5			,B6:B11)/S	UM(B6:B1	1)
15 16	No. Of Cases	n	5 2.84	=MAX(A6:A1	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17	No. Of Cases Mean	n np	5 2.84 100	=MAX(A6:A11 =SUMPRODU	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18	No. Of Cases Mean Total Frequency	n np N	5 2.84 100 0.568	=MAX(A6:A11 =SUMPRODU =SUM(B6:B11	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19	No. Of Cases Mean Total Frequency Prob. Of Success	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20	No. Of Cases Mean Total Frequency Prob. Of Success	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21	No. Of Cases Mean Total Frequency Prob. Of Success	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21 22	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure Expected	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21 22	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure Expected Frequencies	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21 22 23 24	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure Expected Frequencies 2	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21 22 23 24 25	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure Expected Frequencies 2 10	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	UM(B6:B1	1)
15 16 17 18 19 20 21 22 23 24 25 26	No. Of Cases Mean Total Frequency Prob. Of Success Prob. Of Failure Expected Frequencies 2 10 26	n np N p	5 2.84 100 0.568	=MAX(A6:A1) =SUMPRODU =SUM(B6:B11 =C17/C16	CT(A6:A11	,B6:B11)/S	SUM(B6:B1	1)

Rupak Pathak 1 of 1