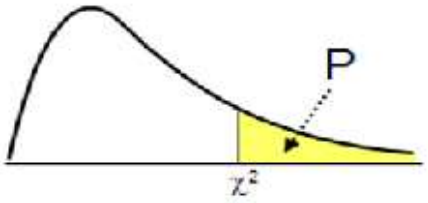
xi	Oi	Ei	$(O_i-E_i)^2/E_i$
0	3	4.247	0.366
1	7	9.832	0.816
2	16	11.38	1.875
3	8	8.782	0.07
4	8	5.082	1.685
5	1	2.353	0.778
SUM	43	100.0	5.59

Table 4 Chi-Square: table of critical values;



	P					
DF – ν	**0.995**	0.975	0.20	**0.10**	**0.05**	
1	0.0000393	0.000982	1.642	2.706	3.841	
2	0.0100	0.0506	3.219	4.605	5.991	
3	0.0717	0.216	4.642	6.251	7.815	
4	0.207	0.484	5.989	7.779	9.488	
5	0.412	0.831	7.289	9.236	11.070	
6	0.676	1.237	8.558	10.645	12.592	
7	0.989	1.690	9.803	12.017	14.067	

degree of freedom

5.59 < 5.989

Does this mean that my test statistic satisfies the null hypothesis, at the significance level of 0.20?