

C) 0.099

STATISTICS - WORKSHEET 3

Q1 to Q15 are MCQs with one or more than one correct answer. Choose all the correct options.

1.	Using a goodness of fit, we can assess whether a set of obtained frequencies differ from a set of frequencies.		
	A) Mean	B) Actual	
	C) Predicted	D) Expected	
	ANS D		
2.	Chi-square is used to analyse:		
	A) Score	B) Rank	
	C) Frequencies	D) All of these	
_	ANS C		
3.	What is the mean of a Chi Square distribution with 6 deg		
	A) 4	B) 12	
	C) 6	D) 8	
4	ANS C Which of those distributions is used for a testing hypothesis?		
4.	Which of these distributions is used for a testing hypothe		
	A) Normal distributionC) Gamma distribution	B) Chi - squared distribution	
	ANS B	D) Poisson distribution	
5.			
٦.	A) Binomial Distribution	B) Hyper-geometric Distribution	
	C) F-Distribution	D) Poisson Distribution	
	ANS A	D) I dissoil Distribution	
6.			
0.	A) Statistic	B) Hypothesis	
	C) Level of Significance	D) Test-Statistic	
	ANS B	2) 1930 2000300	
7.	If the assumed hypothesis is tested for rejection conside	ring it to be true is called?	
	A) Null Hypothesis	B) Statistical Hypothesis	
	C) Simple Hypothesis	D) Composite Hypothesis	
	ANS A	RUKU	
8.	If the Critical region is evenly distributed, then the test is	s referred as?	
	A) Two tailed	B) One tailed	
	C) Three tailed	D) Zero tailed	
	ANS A		
9.	Alternative Hypothesis is also called as?		
	A) Composite hypothesis	B) Research Hypothesis	
	C) Simple Hypothesis	D) Null Hypothesis	
	ANS B		
10.). In a Binomial Distribution, if 'n' is the number of trials and 'p' is the probability of success, then the		
	mean value is given by		
	A) np	B) n	
	C) p	D) np(1-p)	
	ANS A		
11.	Binomial Distribution is a	D) D' (I' (I' (I')	
	A) Continuous distribution	B) Discrete distribution	
	C) Irregular distribution	D) Not a Probability distribution	
12	ANS A If 'p', 'q' and 'n' are probability pf success, failure and number of trials respectively in a Binomial Distribution, what is its Standard Deviation?		
12.			
	A) \sqrt{np}	B) √pq	
	C) $(np)^2$	D) √npq	
	ANS D	D) Impy	
13	3. A Null Hypothesis has Level of Significance 9%. For what values of Level of Significances it will be		
	rejected?		
	A) 0.99	B) 0.009	

D) 0.9

ANS B		
The range of Level of Significance lies between		
A) $-\infty$ and 0	B) $-\infty$ and ∞	
C) 0 and ∞	D) 0 and 1	
ANS D		
15. The effect of rejection of a hypothesis with decrease in sample size		
A) decreases	B) increases	
C) remains constant	D) fluctuates	
ANS B		