Ans-13 The P-value is known as the probability value. For H0 pvalue>0.5 and for H1 is pvalue<0.5

Ans-14 Binomial Probability Formula

The binomial distribution formula is for any random variable X, given by;

P(x:n,p) = nCx  px (1-p)^(n-x)

where,

* n = the number of experiments
* x = 0, 1, 2, 3, 4, …
* p = Probability of success in a single experiment
* q = Probability of failure in a single experiment (= 1 – p)

Ans-15 Analysis of variance (ANOVA) is a group of statistical models and their related estimation systems. For example, the “variety” among and between groups) used to break down the distinctions among collection implies in a sample.