ASSIGNMNET 5

1. Two random samples were drawn from two normal population and their values are:   
A:  66   67 75   76   82 84   88   90   92     \_    \_  
B:  64   66 74   78   82 85   87   92   93    95   97  
Test whether the two population have the same variance at 5% level of  
significance. Table Value of F = 3.36. (Use system formula)  
2. In an anti-malarial campaign in a certain area, quinine was administered to 812 persons out of a total population of 3248. The number of fever cases is shown below:  
Treatment Fever No Fever Total

Quinine 20 792 812

No Quinine 220 2216 2436

Total 240 3008 3248  
  
Discuss the usefulness of quinine in checking malaria. Table value = 3.84. (Use system formula) Hint: X2 = ∑ (O-E) 2/E  
3. Assume you are the researcher and elucidate the techniques you follow when you writing the report.