5. CONCLUSION

5.1 UV/VISIBLE SPECTROPHOTOMETRIC DETERMINATION.
In the present investigation, we have developed number of simple and sensitive UV and visible spectrophotometric methods for the quantitative estimation of given drugs in bulk as well as dosage forms. For the development of visible spectrophotometric method the amino group reactions and oxidation reactions were performed. The currently developed methods are economical and have positive requirement for analytical methods. These methods were validated for sensitivity, accuracy and precision. These methods can be used for the routine determination of said drugs in their bulk and as well as pharmaceutical formulations.

5.2 HPTLC DETERMINATION.
In the present investigation we have developed a simple, sensitive, precise and accurate HPTLC method for the quantitative estimation of drugs in bulk drug as well as pharmaceutical formulations. The results expressed are promising. This HPTLC method was found to be more sensitive, precise and accurate compared to the spectrophotometric methods. I finally conclude that the present methods can be used for routine determination of drugs in bulk as well as pharmaceutical formulations.

5.3 RP-HPLC DETERMINATION.
The RP-HPLC method developed for the estimation of drugs was fast and the results are more accurate and reproducible, which are not condition dependent. Since the system suitability studies of RP-HPLC method used for estimation of active ingredient in bulk & formulation as well as its validation studies have shown satisfactory, accurate and reproducible results (without any interference of excipients as well as degradation products), thus it can be concluded that the proposed method is useful for analysis purpose. Forced degradation studies revealed that possible degradation products do not interfere with the determination of drugs.
On the basis of overall studies, it can be concluded about the drugs that one should avoid certain acidic and basic conditions. Stress study help to find out the amount degraded products form in certain condition and by determining the structure it is easy to propose the degradation pathway for the molecule. With help of the structure of degraded moiety one can easily find out the impurity profile for the drugs.