10. CONCLUSION

In the present study Most of the drugs showed the presence of phenolic compounds, alkaloids, glycosides and volatile oils which encouraged for further study of these drugs. From the acute toxicity studies, the doses for further studies were chosen in logarithmic progression of 200 and 400 mg/Kg body weight as suggested by Turner.

The present study confirms the antiulcer activity of WC and PQ, as they produced significant antiulcer property by their antisecretory, cytoprotective and proton pump inhibitory properties. SX is also having antiulcer property by its cytoprotective and proton pump inhibitory mechanisms. SB exerted antiulcer activity by its antisecretory and proton pump inhibitory effects. Further studies are needed to isolate the chemical moiety responsible for the antiulcer activity of these extracts.

From the present study it is understood that AM, FB, MO and TZ are very good hepatoprotective agents. Various chemical constituents present in all the four extracts are AM consists of volatile oils and essential oils, FB consists of ketones, MO have saponins, glycosides, gums and proteins, TZ consists of alkaloids and essential oils. SC and DC decreased liver weight significantly compared to Silymarin. Further investigations are needed for their constituents and their activity to identify the active molecules responsible for the activity. Structural modifications of such molecules may result more active drugs.

It was concluded that Aqueous extract of root of Asparagus racemosus promising herbal plant for the patients of Alzheimer’s disease and other cognitive deficit states. However, mechanism is not clear. Our study strengthens the idea that Asparagus racemosus extract enhances the memory by attenuation of oxidative stress condition.

From the present study it is confirmed that the formed urinary stones could be dissolved with aqueous extract MU and MA and without the aid of surgical intervention. The recurrence of stones could also be prevented to a
great extent. While it may not be possible straightway to altogether dispense
with surgical and other invasive procedures, the use of antiurolithiatic drugs
is definitely going to revolutionize the treatment of urinary stones.