CONCLUSION

Following conclusions can be drawn from the present study:

- Absorption spectra depicted the synthesis of AgNPs from *Z. jujuba* leaf extract with a peak at 438 nm wavelengths.
- TEM study exhibited spherical NPs measuring about 28-40 nm.
- IC\textsubscript{50} and IC\textsubscript{90} values for Egg hatch Assay were 0.007 ppm and 7.71 ppm in case of Silver nanoparticles treatment and 309.837 ppm and 849.426 ppm in *Z. jujuba* leaf extract treatments.
- LC\textsubscript{50} and LC\textsubscript{90} value for *in vitro* effect on adult *Haemonchus contortus* was 15.29 ppm and 33.87 ppm in case of Silver nanoparticles treatment and 942.686 ppm and 2047.503 ppm in *Z. jujuba* leaf extract.
- Glycogen content is reduced from 2.11 mg/g (control) to 0.87 mg/g when treated with *Z. jujuba* leaf extract at highest concentration (1750 ppm) and 0.59 mg/g when treated with AgNPs at highest concentration (30 ppm).
- Lipid content is reduced from 47.70 mg/g (control) to 37 mg/g when treated with *Z. jujuba* leaf extract at higher concentration (1750 ppm) and 28.37 mg/g when treated with AgNPs at higher concentration (30 ppm).
- Protein content is reduced from 39.56 mg/g (control) to 31.50 mg/g when treated with *Z. jujuba* leaf extract at higher concentration (1750 ppm) and 28.32 mg/g when treated with AgNPs at higher concentration (30 ppm).