

Summary

The prevalence of endoparasites and its effects on the haematology was investigated in four species of monkey^s present in the Lahore Zoological Garden, Lahore Pakistan. 105 faecal samples were collected from January, 2012 to July, 2012. For the study of endoparasites, Sedimentation floatation concentration method was used

Total number of monkeys in the Lahore zoological Garden was 15, out of which 6(40%) were males and 9(60%) were females. Prevalence of endoparasites was 6(40%) in monkeys. From the study, it was found that the prevalence of nematodes (*Strongyloide* sp., *Trichuris* sp.) was higher as compared to cestodes (*Taenia* sp.) while trematodes~~s~~ infection was not found in them during this period. It was also found that prevalence of helminthes (nematodes, cestodes)^{was} higher in 4(26.7%) males as compared to 2(13.4%) female monkeys.

The effect of endoparasites on haematological parameters in monkeys were also studied. It was found that the haematological values ~~were~~^{had} decreased in all four species of monkey. It was found that the haemoglobin concertation was lower and the % number of eosinophils, lymphocytes ~~were~~^{had} increased.