

METABOLIC SHIFTING AND HEMATOLOGICAL STUDY DURING HIBERNATION IN COMMON INDIAN TOAD-*DUTTAPHRYNUS MELANOSTICTUS* (SCHNEIDER,1799)

Abstract: Some hematological parameters of the hibernating and non hibernating common Indian toad Duttaphrynus melanostictus have been investigated. The present study indicates that plasma protein, total RBC and neutrophil counts were significantly less($p<0.05$) in the hibernating toads as compared to the non hibernating one. Blood sugar, total WBC, eosinophil and lymphocyte counts on the contrary were significantly more($p<0.05$) in hibernating individuals. No significant difference in the monocyte count was observed.
