

### **Abstract**

1. The body growth, food uptake and gastro-intestinal passage time were studied in juvenile Nile crocodiles kept at different temperature regimes. Group A was kept at 30°C, group B at 30 and 25°C for 12 hr each and group C at 25°C.
2. After 14 weeks, the weight of group A increased by 18%, while both group B and C lost weight (13 and 66%, respectively). During the same period, group A and B increased their body length (6.5 and 6.6%, respectively), while group C decreased in length (5.4%).
3. Group A fed at the same interval as group B, but group A ate more than the other groups.
4. The gastro-intestinal passage time was shorter in group A (35 hr) than in group B (42 hr) and C (44 hr).