

***Ollscoil na hEireann, Gaillimh***  
***National University of Ireland, Galway***

**Semester II Examinations, 2004**

**BSc (Honours)**

**ZO404**

**Zoology**

Extern Examiner : Dr. John Breen.  
and Internal Examiners

Answer *three* questions  
Time Allowed : Three Hours

**Section A**

- Q 1. Discuss, giving examples, the impact that mammals can have as pests.
- Q 2. Write an account of the mammalian fauna of the Indian sub-continent.
- Q 3. Describe the apes (Family Hylobatidae and Family Hominidae) in detail.
- Q 4. Write an essay on *either* locomotion *or* echolocation in mammals.
- Q 5. Discuss convergent evolution, taking examples from the class Mammalia.

**Section B.**

- Q 1. Write an essay on bird migration.
- Q 2. Describe the structure and functions of feathers.
- Q 3. Write an essay on *either* birds and agriculture *or* bird conservation in an urban environment.
- Q 4. Discuss temperature control in birds.
- Q 5. Write an account of the raptors.