



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF
SCIENCE**

SZL 594: EVOLUTIONARY ECOLOGY

DATE: Monday, 29th November, 2010

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS:

All questions carry equal marks. Illustrate your answers with diagrams wherever appropriate.

Answer any **FOUR** questions.

1. Write an essay on the causes and effects of types of extinctions that have occurred in the past.
2. Discuss adaptive radiation of reptiles.
3. Explain the isolation and competition of mammals from the ecological perspective.
4. Discuss the origin and development of flight in birds.
5. Outline the general requirements and preparation necessary for field study.