



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

INSITUTIONAL SCHOOL BASED PROGRAMME (IBP)

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 523: ECOLOGICAL PHYSIOLOGY

DATE: Wednesday 28th April 2010

TIME: 2.00p.m – 5.00p.m

INSTRUCTIONS:

ANSWER ANY FOUR QUESTIONS

1. Write an essay on migration of animals.
2. Describe the mechanisms of osmoregulation in terrestrial vertebrates.
3. Give a detailed account of the respiratory mechanisms of animals found in Oxygen-depleted zones.
4. Discuss thermoregulation in desert mammals.
5. Write an essay on hibernation.