



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SBT 533: POPULATION GENETICS

DATE: Monday 5th December 2011

TIME: 9.00a.m – 9.00a.m

INSTRUCTIONS

Answer any FOUR questions each question in a separate answer book(s) provided.

Write an essay on:

1. Genetic and phenotypic variations in natural populations
2. Genetic loads
3. Hardy Weinberg equilibrium
4. Population growth models
5. Breeding systems