



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SBT 563: ECOPHYSIOLOGY

DATE: Wednesday 7th December 2011 **TIME:** 9.00a.m – 12.00p.m

INSTRUCTIONS

Answer any FOUR questions- (25marks each)

1. A carbon atom in a plant today has been used in many other molecules since time began.
Discuss.
2. Discuss the flow of solar energy through the biosphere.
3. Discuss the processes of mineral leaching.
4. Describe the physiological basis of plant response to water stress.
5. Discuss adaptive mechanisms to salinity exhibited by plants.