



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

KST 521: HORTICULTURAL, FOOD AND INDUSTRIAL CROP PRODUCTION

DATE: THURSDAY, 29TH MARCH 2012

TIME: 9.00 A.M. – 12.00 P.M.

INSTRUCTIONS: Answer any four questions, each question has 25 marks.

1. “Africa accounts for less than 40% of global agricultural production, uses less than $\frac{1}{4}$ of the fertilizer used in developed countries and contributes minimally to global agricultural research”. Discuss the factors underlying this scenario and propose strategies to reverse this historically low and poor performance.
2. Write an essay on “Components of a robust agricultural research system in Africa”.
3. Discuss the benefits and limitations of the regulations on Good Agricultural Practices and other quality standards on production and trade in horticultural, food and industrial crops.
4. Agricultural technical knowhow on its own is not adequate for reviving Africa’s agriculture. Write notes on the matrix of skills and knowledge required to achieve a Green Revolution in Africa.
5. Discuss institutional reforms that could trigger and stimulate growth of the agricultural sector in your country.
