



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

**SECOND YEAR SECOND SEMESTER EXAMINATIONS
FOR THE DEGREE OF BACHELOR OF SCIENCE WITH
INFORMATION TECHNOLOGY
(MAIN CAMPUS)**

SBT 203: ECONOMIC BOTANY

Date: 24th July, 2013

Time: 8.30 – 10.30 a.m.

UNIVERSITY EXAMINATIONS 2012/2013

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN BOTANY WITH IT

SBT 203: ECONOMIC BOTANY

INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A
AND TWO SELECTED FROM SECTION B

SECTION A: SHORT ANSWER QUESTIONS (30 marks)

1. Explain the replaceable value of *Glycine max* to animal flesh when fed to children (3 marks)
2. What is meant by the term vegetables? (3 marks)
3. How is natural rubber processed? (3 marks)
4. Describe the larch gum. (3 marks)
5. Draw a well- labeled *Zea mays* fruit. (3 marks)
6. Using examples, distinguish between cereals and pseudocereals. (3 marks)
7. Provide botanical names to the following:
 - i. Pigeon pea
 - ii. Pawpaw
 - iii. Finger millet
 - iv. Oil palm (3 marks)
8. Describe the commercial milling process of rice. (3 marks)
9. Describe the formation of Atropine compound from *Datura stramonium* and its economic value. (3 marks)
10. Explain the fact that flowers and fruits have a characteristic smell. (3 marks)