



SOUTH EASTERN KENYA UNIVERSITY
UNIVERSITY EXAMINATIONS 2017/2018

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN HORTICULTURE & AGRICULTURE**

ACH 402: FRUIT PRODUCTION

DATE: 06TH DECEMBER, 2017

TIME: 10.30 -12.30 PM

Instructions: Answer all questions in Section A and any two questions in Section B

SECTION A (30 MARKS)

Q1. Briefly discuss the following

a) Cold hardiness (2 marks)

b). Thinning (2 marks)

Q2. Distinguish between a perfect and imperfect flower (6 marks)

Q3. Compare and contrast the various bearing habits (10 marks)

Q4. Describe the characteristics of any three varieties of avocado (6 marks)

Q5. Write short notes on manure and fertilizer application in Citrus production (4 marks)

SECTION B (40 MARKS)

Q6. Describe the cultural operations for citrus production (20 marks)

Q7. Describe the procedure of fruit formation (20 marks)

Q8. Explain the effect of temperature on fruit flavour development during growth and maturation of mango fruit (20 marks)