



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**FOURTH YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN HORTICULTURE**

4TH YEAR 1ST SEMESTER 2017/2018 ACADEMIC YEAR

REGULAR

COURSE CODE: AHT 3417

COURSE TITLE: INTERIOR SCAPING AND PLANT CONTAINERIZATION.

EXAM VENUE:LR 9

STREAMS: BSc. Horticulture

DATE: 21/12/17

EXAM SESSION: 9.00 – 11.00 AM

TIME: 2 HOURS

Instructions:

- 1. Answer ALL questions in section A and ANY other 2 Questions in section B.**
- 2. Candidates are advised not to write on question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A (30 MARKS)

Answer ALL questions from this Section.

1. Discuss the following components of integrated pest management
 - a. Pesticides. (4 Marks)
 - b. Record Keeping. (3 Marks)
 - c. Biological Control. (3 Marks)
2. Once plants have been properly placed, their appearance needs to be sustained through proper maintenance and care. Discuss the following factors in relation to plant maintenance.
 - a. Watering indoor plants. (2 Marks)
 - b. Fertilization. (3 Marks)
 - c. Plant cleaning. (3 Marks)
 - d. Pruning. (2 Marks)
3. Differentiate between the following types of planters.
 - a. Sealed Planters. (3 Marks)
 - b. Water Tray Planters. (3 Marks)
 - c. Self-watering Planters. (3 Marks)

SECTION B (40 MARKS). Answer ANY TWO questions from this Section.

4. Size, shape and drainage are critical factors in the selection of the container that will provide the best environment for growth of your plants. Explain. (20 Marks)
5. Discuss the use of light in an interior plantscape. (20 Marks)
6. Root rots are the most common disease problem with indoor ornamental plants. Discuss. (20 Marks)
7. Differentiate between the following plant pathogens: Fungi and Bacteria. (20 Marks)