



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**THIRD YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN HORTICULTURE**

2019/2020 ACADEMIC YEAR

REGULAR

COURSE CODE: AHT 3426

COURSE TITLE: Turf Grass Management

EXAM VENUE:

STREAM: BSc. (Horticulture)

DATE:

EXAM SESSION:

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 families as they relate to turf grass management:
 - a. Broad leaf. (4 Marks)
 - b. Rushes. (4 Marks)
 - c. Sedges. (4 Marks)
 - d. Grass. (4 Marks)
2. Explain the following IPM practices:
 - a. Cultural (4 Marks)
 - b. Biological (4 Marks)
3. Briefly explain the management of artificial turf. (6 Marks)

SECTION B [40 MARKS]

Answer ANY TWO questions from this Section.

4. Discuss benefits of turf management. (20 Marks)
5. Explain five factors which affect best management practice in turf management. (20 Marks)
6. Describe financial costs of natural turf installation over artificial turf. (20 Marks)