



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**MAIN CAMPUS
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
MASTER OF SCIENCE IN APPLIED ENTOMOLOGY**

COURSE CODE: SZL 831

COURSE TITLE: INSECT ENDOCRINOLOGY

DATE: WEDNESDAY, 27TH APRIL 2022 TIME: 9:00 – 12:00 P.M.

INSTRUCTIONS TO CANDIDATES

Answer ANY four questions.

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. 

SZL 831: INSECT ENDOCRINOLOGY

1. Describe the major endocrine glands of insects and their hormones. (15 marks)
2. Discuss hormones and pheromones as potential agents in pest management and control.(15 marks)
3. Discuss the regulation of lipid metabolism in insects. (15 marks)
4. Discuss the role of hormones and pheromones in insect maturation and reproduction.(15 marks)
5. Discuss the mechanisms of water conservation in insects. (15 marks)