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University Examinations 2022/2023

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF
SCIENCE IN ENTOMOLOGY

SZB 5150: INSECT ECOLOGY

DATE: APRIL 2023

TIME: 3 HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (20 MARKS)

Using relevant examples, discuss the role of mutualism, competition and host-parasite relationship in insect ecology (20 marks)

QUESTION TWO (20 MARKS)

Using relevant examples, discuss the importance of life tables and their application in insect ecology (20 marks)

QUESTION THREE (20 MARKS)

Using relevant examples, compare and contrast the ecological behaviour of social and gregarious insects (20 marks)

QUESTION FOUR (20 MARKS)

Using examples, write short notes on the role of ecological modelling on insect biological diversity (20 marks)