

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF

MICB 834: SOIL MICROBIOLOGY

STREAMS: MICB

TIME: 2 HOURS

DAY/DATE: MONDAY 12/07/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer ANY THREE questions.**

1. Discuss the role of rhizosphere in plant growth and development. (20 marks)
 2. Explain the application of extremophiles in the industry. (20 marks)
 3. Discuss the role of microorganisms in the Nitrogen cycle. (20 marks)
 4. Discuss soil biota and their role in ecological functioning. (20 marks)
 5. Discuss the physical factors that control biological activities. (20 marks)
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