



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

FIRST SEMESTER EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE
IN APPLIED MICROBIOLOGY

JPM 640: INDUSTRIAL MICROBIOLOGY

DATE: APRIL 11, 2018

TIME: 2:00 -5:00PM

INSTRUCTIONS:

Answer ANY FOUR Questions

QUESTION ONE (25 MARKS)

Discuss deterioration of materials by microorganisms.

QUESTION TWO (25 MARKS)

Discuss industrial microorganisms and their products.

QUESTION THREE (25 MARKS)

Microbes are at the core of research for chemotherapeutic agents. Discuss the statement.

QUESTION FOUR (25 MARKS)

Discuss the production and use of single cell proteins.

QUESTION FIVE (25 MARKS)

Discuss the use of microbes in managing oil spills.

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