



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

FIRST SEMESTER EXAMINATIONS 2013/2014

**UNIVERSITY EXAMINATIONS FOR THE DEGREE OF MASTER OF SCIENCE IN PLANT
ECOLOGY**

SBT 509: ECOLOGY OF PHYTOPLANKTON

DATE: DECEMBER 4, 2013

TIME: 11.00 – 2.00PM

INSTRUCTIONS:

Write essays on ANY FOUR of the following topics:

1. Adaptations contributing to cyanobacterial success under eutrophic conditions
2. Sampling and measurement of phytoplankton chlorophyll *a* concentration
3. Important parameters regulating algal mass cultures
4. Phytoplankton blooms – causes and effects.
5. Phytoplankton movements relative to the surrounding media

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