

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF APPLIED SCIENCES
DEPARTMENT OF ENVIRONMENTAL SCIENCE AND HEALTH
BACHELOR OF SCIENCE HONOURS DEGREE

FINAL EXAMINATIONS

GENERAL BIOLOGY : ESH 1205

MAY 2011

Time allowed: 3 Hours

Total Marks: 100 Marks

INSTRUCTIONS:

Answer any FOUR questions. Each question carries 25 marks.

Question 1

Describe reproduction in mammals and compare it with that of bony fish.

Question 2

Write an essay on the stages of photosynthesis and then discuss the differences in C₃, C₄, and CAM products.

Question 3

Insects are the most abundant organisms on earth give an account of their success to colonise such a wide range of habitats.

Question 4

Write an essay on the general characteristics angiosperms and discuss the adaptations they have to survive on land.

Question 5

Describe the general characteristics of platyhelminthes and discuss two that pose serious challenges to mammalian health.

Question 6

Write an essay on Bryophytes.

END OF PAPER

