



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (AGRIBUSINESS AND TRADE AND AGRICULTURAL RESOURCE MANAGEMENT)

KRM 205: AQUATIC RESOURCES AND MANAGEMENT

DATE: Friday 30th March 2012

TIME: 2.00p.m – 4.00p.m

INSTRUCTIONS

ANSWER QUESTION 1 AND ANY OTHER THREE QUESTIONS

1. a) Give a brief description of Kenyan aquatic resources. [5marks]
b) Outline the major challenges to aquaculture growth in Kenya. [10marks]
c) List the desirable characteristics for cultured fish species. [10marks]
2. Describe the East African freshwater ecosystems showing their importance and challenges faced. [15marks]
3. Discuss the following water quality parameters, their effects and management in aquaculture:
a) Dissolved oxygen [10marks]
b) Carbon dioxide [5marks]
4. Discuss integrated aquaculture systems in Kenya, giving examples. [15marks]
5. Discuss the impacts of human activities in the catchment areas associated with the observed changes in fresh water ecosystems. [15marks]