

EASTERN UNIVERSITY, SRI LANKA
SPECIAL DEGREE EXAMINATION IN ZOOLOGY PART II (2007/2008)
(March 2010)

ZL 404 AQUACULTURE



Time: 02 hours

Answer all questions

(Illustrate your answers with clear labeled diagrams where necessary)

1. Discuss the merits and demerits of shrimp farming from environmental and socio-economic perspectives.
2. Write briefly about **three** of the following:
 - a. Induced breeding of fin fish
 - b. Intensive farming in aquaculture
 - c. Polyculture with relevant examples
 - d. Monoculture with relevant examples.
3. Discuss *Cyprinus carpio* (Carp) farming in tropical countries.
4. Justify the need for a sedimentation/treatment tank in a fin fish or shell fish pond for enhanced environmental quality to maintain farming activity.

END