



Uva Wellassa
University

Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture
Aquatic Resources Technology Degree Programme

Year III Semesters II
End Semester Examination - January/February 2016

AQT 351-2 Applied Aquatic Resources
Section II (Essay)



Instructions

Answer all questions in Section II in booklets provided.

No. of questions : Two (02)

No. of pages : One (01)

Time : One hour (01 hour)

Total marks allocated : 60%

1. I. "Tropical islands like Sri Lanka consists with several indigenous fish species which are having high medicinal value". As a biologist, describe a suitable biotechnological application process to construct a gene bank for the genes that are coding for medicinal products in those fish species.

(15 marks)

- II. Briefly explain an important application of PCR technology in aquatic biotechnology.

(15 marks)

2. Write short notes on following.

- I. Applications of transgenic fish
- II. Technology of cryopreservation
- III. Selection of a model fish species

(10×3=30 marks)

[End of Section II]