



Faculty of Animal Science & Export Agriculture
Uva Wellassa University of Sri Lanka

B.ASc. Degree Programme
Year II Semester II
End Semester Examination - June 2008

ANS 2206-2 Inland Aquatic Resources and Management- Essay (Section II)

Instructions

Answer all questions in Section II

No. of questions : Two (02)

No. of pages : One (01)

Time : One hour (01 hour)

Total marks allocated : 60%

Index No:

1. Write an essay on " Potential for development of inland fisheries in Sri Lanka"
- 2.

- i. Length at age data on the Yellow fin tuna off Senegal is given in Table 1. Using the method shown by Ford-Walford plot the data and determine the asymptotic length (L_{∞}) of the yellow fin tuna.

| Age (year) | Length (cm) |
|------------|-------------|
| 1 | 35 |
| 2 | 55 |
| 3 | 75 |
| 4 | 90 |
| 5 | 105 |
| 6 | 115 |
| 7 | 120 |
| 8 | 120 |

- ii. Briefly describe how the growth parameters can be used in management of inland fisheries?