

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE

Level II -Semester I Examination, August/ September 2018

FAQ 2121 (R) – Fish Behaviour

Duration: 01 hour

Answer any **Two (02)** questions

01. I. What is meant by shoaling of fish?

(05 marks)

II. Describe the hypothesis which explain the shoaling behavior of fish.

(45 marks)

02. I. Write an account on the long term migratory patterns of fish.

(35 marks)

II. Describe the advantages of fish migration.

(15 marks)

03. Answer **any two** of the following.

(a) Describe the optimal foraging theory

(b) Explain the importance of eye ornamentation and poster colors in visual communication of fish.

(c) Describe the non-guarders in breeding behavior of fish.

(d) Write a short account on the aggressive behavior of fish.

(25 marks for each)

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