



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (Special) Degree in Applied Biology
Fourth Year - Semester II Examination – February/ March 2019

FAM 4205 - FISH HEALTH MANAGEMENT

Time: Two (02) hours

Answer ALL questions.

1. a) Explain the terms infectious and noninfectious diseases of fish using suitable examples. (30 marks)
b) Write a concise account on the effects of parasites on fish health. (70 marks)
2. a) Briefly describe the natural mechanisms in fish that confer resistance against disease. (30 marks)
b) What are the common warning signs of fish disease? (30 marks)
c) Give a brief description of stressors encountered in fish husbandry. (40 marks)
3. Explain the etiology, clinical signs, treatments /control measures relevant to the following fish /shellfish diseases
a) Velvet disease
b) White spot disease
c) Trichodiniosis
d) Hole in the head disease (25 marks each)
4. a) Discuss the advantages and disadvantages of vaccination and chemotherapy in the treatment of bacterial infections in fish. (30 marks)
b) Describe the causes, symptoms and prevention of nutritional disorders of fish. (40 marks)
c) Write a concise account on the effect of named dissolved gases in water on fish health and control measures of fish diseases. (30 marks)

-----END-----