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RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (Special) Degree in Applied Biology
Fourth Year – Semester I Examination – October/November 2017

ZOO 4112 – FISHERIES ECONOMICS

Time: One and a half (1 ½) hours

Answer any three (03) of the following questions.

1. a) Discuss succinctly the current freshwater fish marketing methods practised in Anuradhapura district. (45 marks)
b) What are the drawbacks observed in the current fish marketing system? (30 marks)
c) Brief suggestions to rationally develop the existing fish marketing system. (25 marks)
2. An extract from a newspaper article is given below.
“Government has taken a big decision to restrict the fishing activities of man-made tanks in Anuradhapura District. New rules will be implemented from next year. As a result, nearly 50% of the freshwater fish production in man-made tanks is expected to be cut down.”
Give economic analysis of the situation pertaining to the above decision of the government. (100 marks)
3. “Maminiyawa” is a 30 ha seasonal tank in the Kurunegala District. The Fisheries society of the tank consisting of 22 members intends to initiate culture fishery in the tank.
a) List the economically important steps that are appropriate to develop a profitable culture fishery in this tank. (25 marks)
b) Using a suitable example with reasonable assumptions, convince the society members that the above fishery is a profitable venture. (75 marks)

4. Write short notes on the following.

- a) Producer's surplus
- b) Factors affecting the individual consumer demand for fish
- c) Different types of marine-fish distribution channels in Sri Lanka
- d) Importance of micro and macroeconomics in fisheries sector

(25 marks each)

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