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**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE**

**B.Sc. (General) Degree in Applied Sciences
Third year – Semester I Examination – October/November 2015**

ZOO 3204 - FISHERIES AND AQUACULTURE

Time: Two (02) hours

Answer four (04) questions only, including question No. 01. Illustrate answers with labelled diagrams where appropriate.

1. Write short notes on any **four (04)** of the following.
 - a) Effect of water hardness on fish
 - b) Fyke net
 - c) Impacts of bottom trawling
 - d) Gill net selectivity
 - e) Integrated fish farming
2. Critically analyze the role of nitrogen in water where fish are cultured.
3.
 - a) Describe how you would practice fish cage culture.
 - b) Discuss the advantages and disadvantages of fish cage culture.
4. A farmer society needs to practice aquaculture in a seasonal tank in their village. As a fisheries extension officer, how would you instruct them emphasising on each step in the process?
5. Giving suitable examples, appraise the fishery activities in minor perennial reservoirs.

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