

UNIVERSITY OF RUHUNA  
BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE

Level II Semester II Examination

Dec. 2015/Jan. 2016

FAQ 2211 Fishing Gear and Craft Technology

Time: 01 ½ hours

Answer **Three (03)** questions selecting at least **one (01)** from each of the Parts

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Part I

- 01) (a) Mention the factors that are taken in to consideration when designing drift nets to capture fish.
- (b) Describe the types of drift nets that are used to capture fish, occurring within the oceanic zone.
- 02) (a) Describe the types of active fishing gear that can be used to capture demersal fish.
- (b) Mention the environmental concerns when operating the fishing gear described above.
- 03) Write short accounts on the following
- (a) Fish aggregating devices
- (b) Chumming

Part II

- 04) (a) Briefly describe the process of constructing a FRP/GRP boat hull.
- (b) Discuss the major advantages and disadvantages of the FRP/GRP as a boat construction material.

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Write short accounts on any three (03) of the following

- (a) Major types of fishing vessel designs
- (b) Carvel built and clinker built hulls
- (c) Basic measurements of a vessel
- (d) Basic boat care and maintenance
- (e) Special advantages of plywood as a boat construction materials

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