

UNIVERSITY OF RUHUNA
Bachelor of Science in Fisheries & Marine Sciences Degree Examination
Level II- Semester II, Dec. 2016/Jan. 2017

FAQ 2211 – Fishing Gear and Craft Technology

Time: 1½ hours

Answer only Three (03) questions selecting at least one from each section

SECTION I

01. “Shape and the behaviour of the fish are the major factors when designing drift nets for capturing fish”. Discuss.
02. (i) Describe the parts of a hook
(ii) Briefly describe how hooks are used to design different types of fishing gear
03. Write short accounts on the following
(i) Modifications in bottom trawls for their smooth movement in the fishing ground
(ii) Beach seine

SECTION II

04. Write short notes on **any three** of the following
(i) Three main dimensions that are needed to estimate the cost for shipping
(ii) Plywood as a major boat construction material
(iii) Four stroke boat engines
(iv) Cold molding process
(v) Advantages and disadvantages of diesel, gasoline and kerosene engines
05. (i) Briefly describe the function of the mechanical unit of a fishing vessel
(ii) “FRP/ GRP can be considered as one of the best boat construction material”.
Discuss this statement.

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