



UNIVERSITY OF RUHUNA
FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY
Academic Year 2023/2024

Bachelor of Science Honours in Marine and Freshwater Sciences Degree
Level IV Semester I Examinations - April /May 2025

OCG 4121 – Coastal and Marine Non-Living Resources

Time: 1 hour

Answer all Questions in PART A and only one (1) Question from PART B

PART B

1. Write short notes on any five (05) of the following.
 - i. Occurrence of coastal diamond deposits and the environmental impact of their mining.
 - ii. Composition and economic significance of the Pulmoddai mineral sand deposit.
 - iii. Formation, mode of occurrence and economic significance of limestone deposits in Sri Lanka.
 - iv. Formation, occurrence and economic potential of manganese nodules.
 - v. Economic potential of methane hydrates and their stability zones in the ocean.
 - vi. Formation of coastal and offshore biogenic deposits and their economic significance.

(10 marks * 5 = 50 Marks)

2. Write a detailed description of the European Copper Shale and Mississippi Valley Type (MVT) deposits, emphasizing their formation, occurrence, and economic significance. Use labelled diagrams where appropriate.

(50 Marks)

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