



UNIVERSITY OF RUHUNA
FACULTY OF FISHERIES AND MARINE SCIENCES &
TECHNOLOGY

Academic Year 2022/2023

Bachelor of Science Honours in Fisheries and Marine Sciences Degree/ Bachelor of
Science Honours in Marine and Freshwater Sciences Degree

Level III Semester II Examinations – October / November 2024

OCG 3241: Introduction to Meteorology

Time: 1 hour

Answer all questions in Section I and One (01) question from Section II

Section II

1. Explain the six principal factors that control temperature variation from place to place and from time to time. (50 Marks)
2. Discuss the atmospheric conditions that results in absolute stability, and absolute instability with reference to environmental lapse rate. (50 Marks)
3. Write short notes on followings,
 - a. Mountain and valley breeze (20 Marks)
 - b. Fogs formed by cooling (10 Marks)
 - c. Sea breeze and land breeze (20 Marks)

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