



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 Examination – October/November 2024

OCG 32B1: Satellite Oceanography

Time: 1 hour

Answer only two (02) questions

- 1) "Monitoring of ocean color by Satellites plays an important role in understanding marine ecosystems". Discuss this statement with suitable examples. (50 marks)
  
- 2) Explain the advantages of combining active and passive satellite techniques to monitor rainfall from space. Provide appropriate examples where necessary. (50 marks)
  
- 3) Discuss the importance of using both infrared (IR) and microwave sensors on satellites for efficient monitoring of sea surface temperature (SST). (50 marks)

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