

FINAL EXAM

TIME: 3 HOURS

INSTRUCTION: ATTEMPT ALL QUESTIONS.

1. i. Define Oceanography (5 Marks)

ii. List and explain two classification of Marine environment (8 Marks)

iii. List and explain three types of reproduction that are recognized by fishes (6 Marks)

iv. What is Fecundity? (1 Mark)

2. a. Briefly describe the origin of the oceans (5 Marks)

b. There are five oceans that exist on earth. Name them and briefly discuss each (10 marks)

c. How is sea motions beneficiary to the marine environment and ecosystem (5 Marks)

- 3. a. State and discuss the properties of water (15 Marks)**
- b. Name at least five of the major constituents of sea water (5 Marks)
- 4. a. What is a wave? (5 Marks)**
- b. name and briefly discuss five different types of waves (10 Marks)
- c. How are waves characterized. (5 Marks)
- 5. a. What are tides? (5 Marks)**
- b. List and explain the four ways in which tides are characterized? (10 Marks)
- c. What are currents? List three types of currents (5 Marks)