

FEDERAL UNIVERSITY OF TECHNOLOGY MINNA
SCHOOL PHYSICAL SCIENCES
DEPARTMENT OF GEOGRAPHY
FIRST SEMESTER UNDERGRADUTE EXAMINATION 2015/2016
SESSION

COURSE CODE: MET 513 (3 Units)

COURSE TITLE: Marine Climatology

TIME: 2hrs

INSTRUCTION: Answer any four (4) questions of your choice. Credit would be awarded for use of illustrations and relevant examples

1. The earth is an oblate ellipsoid with only one ocean but divided into three named parts by international agreement: The Atlantic, Pacific and Indian Ocean. Expatiate.
2. Identify and explain the relationship between weather and the height of high/low tide.
3. Using specific examples, examine the basic principle of wave energy propagation.
4. Sir Isaac Newton (1642-1727) was the first to suggest that, heavenly bodies through their mutual gravitation produced ocean tides. Explain.
5. Identify and discuss the commercial fishing importance of the ocean.
6. Enumerate and discuss any two types of convection in deep ocean waters.

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