



**ELIZADE UNIVERSITY,
ILARA-MOKIN, NIGERIA**

FACULTY: BASIC & APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

FIRST SEMESTER EXAMINATION

· 2017/2018 ACADEMIC SESSION

COURSE CODE: EMT 203

COURSE TITLE: INTRODUCTORY CLIMATOLOGY AND BIOGEOGRAPHY

DURATION: 2 HOURS

HOD's SIGNATURE

NAME:.....

MAT. No:.....

INSTRUCTIONS Answer any three questions

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1. (a) Even if emission stops today, global warming will still continue, Discuss
(b) List the types of climatic scales and their distances
(c) Mention 5 subfields in climatology
2. (a) Explain concisely the rationale behind the study of climatology and biogeography
(b) List five atmospheric elements?
(c) List five temperature inversions and discuss any two
3. (a) Discuss the factors that brings about biogeographical distribution
(b) What are the categories of biogeography?
(c) List the factors that influence the distribution of temperature
4. (a) Discuss succinctly, how the earth balances its radiation
(b) Discuss the organization of an ecosystem
(c) List the three types of humus
5. (a) List the properties of soil under the following sub headings (i) physical (ii) biological (iii) chemical
(b) Differentiate the forms of precipitation
(c) What are the problems associated with weather stations?