



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCES**

EXAMINATION: 2021_2 POP EXAMINATION

COURSE TITLE: AGROCLIMATOLOGY AND BIOGEOGRAPHY (3 CU)

COURSE CODE: AGR 309

TOTAL SCORE: 70 MARKS

INSTRUCTION: Answer *FOUR* Questions in all.

Question 1 is compulsory (25marks) and any THREE Questions (15 marks each)

TIME ALLOWED: 3 hours

Q1

(a) (i) Explain what you understand by Historical Climatology as an approach to the study of climatology (5 marks).

a) (ii) What do understand by climate of a particular location (5 marks).

(b) In what ways does the under listed factor influence the climate of a location

(i) Altitude and Relief (5 marks).

(c) In what ways does sun light influence the spread of pests and diseases on our farms (10 marks).

Q2) With reference to our climatological studies, differentiate between Snow and Hailstone (15 marks).

Q3) Write convincingly how climate influences the establishment of irrigation facilities for farmers' use. (15 marks).

Q4) Mention concisely the effects of Acid Rain on man and his environment (15 marks).

Q5) 'Measurement of the water equivalent of snow fall always presents problems and probably inaccurate' Advance reasons for this statement (15 marks).