



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCES
2025_2 EXAMINATIONS**

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) Mention the factors that affect the amount of annual rainfall in a place (15 marks)
- (b) In clear terms, differentiate between weather and climate (10 marks)

Q2

On the long run, what are the likely effects of climate change effect on agriculture (15 marks)

Q3

- (a) Explain in detail the measurement of rain (10 marks)
- (b) Explain by way of drawing only, the rain gauge (5 marks)

Q4

- (a) Discuss in detail, the term “acid rain” (5 marks)
- (b) What are the effects of acid rain to man and his agriculture (10 marks)

Q5

Discuss in full the human influences (anthropogenic factors) that can cause climate change (15 marks)