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

EXAMINATION: 2021_1 POP EXAMINATION 7836
COURSE TITLE: AGROCLIMATOLOGY AND BIOGEOGRAPHY (3 CU)
COURSE CODE: AGR 309
TOTAL SCORE: 70 MARKS
2021 EXAMINATION
INSTRUCTION: ***Answer FOUR Questions in all.***
Question 1 is compulsory (25marks) and any THREE Questions (15 marks each)
TIME ALLOWED: 3 hours

Q1

(a) Explain in detail Pale Climatology as an approach to the study of climatology (5 marks)

(b) Discus the importance of climate and weather on:
(i) Transportation and Communication (5 marks)
(ii) Mode of dressing and nature of houses (5 marks)
(c) In what ways do temperature and humidity impact on insect-pest distribution on our farm lands (10 marks)

Q2

Write explanatory note on the effects of climate on the distribution of crops and vegetation (15 marks)

Q3

Dewfall, Hoar Frosts, Fog and Rime are types of precipitation. Under what condition do each of these types of precipitation occur (15 marks)

Q4
(a) List the instruments in a typical weather meteorological station(5 marks)
(b) Describe an ideal site of a meteorological station (10 marks)

Q5

On a long run, in what ways could climate change affect agriculture (15 marks).