NATIONAL OPEN UNIVESITY OF NIGERIA
Faculty of Agricultural Sciences
Department of Animal Science and Fisheries
Second Semester Examination, April/May, 2019

Course: ANP314: Environment and Animal Production
Credit Unit: 2
Time Allowed: 2hours.

INSTRUCTIONS: **Answer question one (Compulsory: 25 Marks) and any other THREE (15 marks each)**

QUESTION ONE

  i.   Define the following concept
        ▪ Erosion
        ▪ Exfoliation
        ▪ Wind erosion
        ▪ Land pollution   13 marks
  ii.   Highlight problems that could result from excessive erosion   2 marks
  iii.   Enumerate the significant human activities that stimulates erosion   3 marks
  iv.   What are alternative land use practices that can curtail or limit erosion   2 marks
  v.   State two (2) major examples of Land erosion and the control measures   5 marks

QUESTION TWO

  i.   Define the concept of desertification?   2 marks
  ii.   Highlight the causes of desertification.   4 marks
  iii.   Enumerate effects desertification in arid regions.   5 marks
  iv.   How can desertification be halted or controlled.   4 marks

QUESTION THREE

  i.   In what ways does climate change influence Animal health in Nigeria?   **4 marks**
  ii.   Elucidate ten (11) traditional and modern coping procedures that farmers often adopt to protect and sustain livestock production in the face of climate change   **11 marks**

QUESTION FOUR

  i.   What are the recent collaboration initiative to address climate change and global warming upon the planet, its natural environment and humans' existence?   **6 marks**
  ii.   Discuss briefly three (3) concepts of global biogeochemical cycles with particular reference to water, oxygen, carbon, nitrogen and phosphorus critical to life.   **9 marks**

QUESTION FIVE

  i.   Define the concept of ozone?   **2 marks**
  ii.   State two regions of the atmosphere where ozone can be found and its impact?**6 marks**
  iii.   Enumerate six (7) objectives that environmental scientists commonly expressed as their goals that must be achieved.   **7 marks**

QUESTION SIX

i.	Define the term Pollution**?**	**2 marks**
ii.	What are the different types of pollution that affect the ecosystem?	**3 marks**
iii.	Highlight the six major types of air pollutants.	**5 marks**
iv.	State five (5) examples of air pollution and the control measures	**5 marks**