National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2021_1 EXAMINATIONS

COURSE CODE: EMT307
COURSE TITLE: ENVIRONMENTAL POLLUTION STUDIES
CREDIT: 3 Units
TIME ALLOWED: 3 Hours
Instruction: Attempt question number ONE (1) and any other FOUR (4) questions. Question number one (1) carries 22 marks, while the other questions carry (12) marks each.

1a) With cognate examples expatiate on how vegetation degradation impacts on rural communities in Nigeria **(13marks)**
1b) In spite of the variations that exist outline the four major factors of deforestation that cuts across all tropical countries **(4marks)**
1c) Diagrammatically illustrate the balanced approach to aircraft noise reduction **(5marks)**

2a) Outline how deforestation impacts on flooding and drought **(2marks)**
2b) As an expert on pollution matters explain the measures you would suggest to mitigate road traffic pollution **(5marks)**
2c) Explain how deforestation is a causative factor of climate change **(5marks)**

3) Draw and label the diagram of the ear **(12marks)**

4a) Define deforestation **(1mark)**
4b) Complete the sentence with the right phrase **(2marks)**
In the ____ the use of ____in the cities such as ____ was beginning to escalate. The problem of poor ____even as early as the end of the ____are well documented

4c) State the characteristics of Non-biodegradable Pollutants **(5marks)**
4d) Recycling is the new norm to mitigate pollution, differentiate between the two major types of recycling **(4marks)**

5) Discuss the assertion that atmospheric pollution in Nigeria can be traced to the 90s. **(12marks)**

6) Explain the role of the following as pollutants **(12marks)**
SO_2 & SO_3 (5marks)
Smog (3marks)
No & No_2 (4marks)