



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2020_2 EXAMINATIONS

COURSE CODE: EMT307

COURSE TITLE: Environmental Pollution Studies

CREDIT: 3 Units

TIME ALLOWED: 2 Hours: 30 minutes

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.

- 1.) Extensively discuss on global issues in air pollution development **(22marks)**
- 2.) Elucidate on deforestation in Nigeria **(12marks)**
- 3a.) List the adverse effects of land pollution **(4 ½ marks)**
- 3b.) Mention the ways in which toxic materials that pollute the soil and directly affect the human body **(2marks)**
- 3c.) List the major causes of land pollution **(2 ½ marks)**
- 3d.) Outline the role of Hydrocarbons (C_xO_y) and Carbon monoxide (CO) in the atmosphere **(3marks)**
- 4a.) Discuss the assertion that the loss of vegetation has far-reaching consequences in Nigeria,. **(9marks)**

4b.) Complete the annual rates of tropical deforestation for 1976-1980 **(3marks)**

COUNTRY	Closed Forests		Open Woodlands			
	All tropical Area % of total	Moist tropical Area % of total	% of Area Total			
(1mark)	4.12	0.61	3.30	0.54	1.27	0.59
(1mark)	1.82	0.59	1.51	0.61	0.19	0.61
(1mark)	1.33	0.61	1.20	0.59	2.34	0.48

- 5.) Anthropogenic sources are largely responsible for the rapid spate of pollution that the earth has found herself in. Expatiate on how man has become the most damaging factor of the environment. **(12marks)**
- 6.) Examine the legal approach to noise pollution and how it can be effectively enacted for private and public safety. **(12marks)**