THE NATIONAL UNIVERSITY OF LESOTHO

BSc. ENVIRONMENTAL HEALTH

SUPPLEMENTARY EXAM – AUGUST, 2023

ENVIRONMENTAL POLLUTION AND CONTROL - EHS 3204

DURATION: 3 HRS INSTRUCTIONS: Answer ALL 4 Questions MARKS: 10	0
Question 1 Define the following terms as used in Environmental Health:	
 a) Pollution b) Environmental media c) Conservative pollutants d) Air quality e) Photochemical smog f) Community Noise Equivalent Level (CNEL) g) High hazard wastes h) Point source pollution i) Acid Mine Drainage j) Dissolved Oxygen Sag 	[40]
Question 2	
a) Explain how the following instruments are used to control air pollution from sources.	stationary
i) Catalytic incineratorsii) Flaresiii) Absorbers	[12]
b) Give the three toxins produced by freshwater BGA, and give one impact that e has on human health.	ach toxin [6]
Question 3	
a) State any three factors that determine toxicity of pollutants?	[6]
b) Describe chemical reactions and formula showing how ground level ozone if formed.	[16]
Question 4	
a) Discuss the use of mass balance in pollution assessment.	[10]
b) Briefly explain self purification of streams.	[10]