



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: ESM 317 **CREDIT UNIT: 2**
COURSE TITLE: LAND AND WATER POLLUTION

DURATION: 2 HOURS
INSTRUCTION: *Answer any 4 questions*

1. What is a Smog? Discuss its types. 17 ½ mks
2. (a) Apart from acid rain, what is one of the greatest challenges of air pollution? 8mks
(b) Why are plastics more difficult to recycle? 4mks
(c) What is involved Plastic Recycling? 4mks
(d) Mention three (3) uses of PET after recycling. 1 ½ mks
3. Discuss with appropriate examples the sources of water pollutants. 17 ½ mks
4. (a) Mention the eight (8) categories of water pollutants. 8mks
(b) Why does Chemical water pollution occur? 7 ½ mks
(c) How does non-point source chemical pollution occur? 2mks
5. (a) Discuss the effects of mercury as a pollutant. 12 ½ mks
(b) What are the general effects of pesticides on human health? 5mks
6. (a) Write briefly on the sources of solid wastes in relation to land pollution. 15mks
(b) Give a simple and clear definition of solid wastes. 2 ½ mks