

Federal University of Technology, Minna
Department of Architecture
2018/2019 MTECH First Semester Examination

Course Title: Pollution Control

Course code: ARC 717

Course Lecturer: Dr O.K. Akande

Time Allowed: 2 Hrs

Instruction: **Answer question 1 and any other 2 questions (Answer only 3 questions in all)**

1(a) Briefly describe the following:

- i. Particulate Matter (PM)
- ii. PM pollution
- iii. The two major types of PM emissions

- (b) (i) How will you classify the different forms of pollution with large cumulative impact on the built environment?
- (ii) Briefly highlight the forms of pollution identified above according to their classification
(30 marks)

2, Categorise and briefly discuss the mode of human exposure to air toxics
(15 marks)

3, Outline the effects of the following on the users of the built environment

- a. Noise pollution
- b. Water pollution
- c. Visual pollution
- d. Air pollution
- e. Land pollution

(15 marks)

4, Based on your background as an architect, outline your recommendations for the following:

- a. How local communities can reclaim their beauty and character from the loss of visual environment
 - b. Alternatives to large intrusive signs and bill boards in the built environment
 - c. Addressing the problem of visual blight in a built environment
- (15 marks)

Best wishes to you all