



NATIONAL OPEN UNIVERSITY OF NIGERIA
Faculty of Health Sciences
Department of Public Health Science
Examination date: October 2019_2

Course Title: Sewage & Wastewater Management

Course Code: EHS409

Credit Units: 2

Time: 1½ hours

Total marks: 70 %

Instruction: Answer all Questions

QUESTION 1

- 1a). List three types of sewerage. (3 marks)
- 1b). List and explain three types of waste water. (9 marks)
- 1c). Describe three types of waste water sources. (13 marks)

QUESTION 2

- 2a). Explain the application of oxidation and reduction in waste water treatment. (9 marks)
- 2b). Explain three waste water treatment processes. (10 marks)
- 2c). Explain the flotation process. (6 marks)

QUESTION 3

- 3a). Explain two impacts of waste water on the environment. (10 marks)
- 3b). Discuss self-purification microbiology treatment with relevant examples. (10 marks)