



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES**

DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE

COURSE CODE: EHS 409

COURSE TITLE: SEWAGE AND WASTE WATER TREATMENT

COURSE UNITS: 2

TIME ALLOWED: 2 HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: Answer ALL questions

- 1a) Enumerate the impacts of waste-water on the environment (10marks)
- (b) Explain the purposes or objective of waste-water treatment (10marks)

- (2a) Write short notes on the following terms:
 - (i) Secondary treatment (5marks)
 - (ii) Chlorination (5marks)
 - (iii) Sludge treatment (5marks)
 - (iv) Preliminary treatment of waste-water (5marks)

- (3a) Explain the disposal regulations of waste-water.(15marks)
- (b) Explain the impacts of treated waste-water on the disposal site.(15marks)