



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI – ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2024 | EXAMINATION

COURSE CODE: EHS 415

COURSE TITLE: PUBLIC UTILITIES AND ENVIRONMENTAL HEALTH ISSUES

COURSE UNIT: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL THE QUESTIONS

- 1a. Explain Drainage and highlight the needs for drainage **(14 Marks)**
- b. Describe a detailed process of sewage treatment **(11 Marks)**
- 2a. Explain the concept of sanitation and Benefits of improving sanitation in maintaining hygienic conditions **(10 Marks)**
- b. State the failures of the public enterprises (PEs) or state owned enterprises (SOEs) **(5 Marks)**
- c. List and explain types of sanitation **(10 Marks)**
- 3a. Explain the term “Air Pollution” **(2 Marks)**
- b. List and explain various sources of Air pollution **(9 Marks)**
- c. List major causes of accidental fire and their general preventive measures and requirements **(9 Marks)**