



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2025\_2 EXAMINATIONS**

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**COURSE CODE: EHS415**

**COURSE TITLE: PUBLIC UTILITIES AND ENVIRONMENTAL HEALTH ISSUES**

**COURSE UNITS: 2 CREDIT UNITS**

**TIME ALLOWED: 1 ½ HOURS**

**TOTAL SCORE: 70 MARKS**

**INSTRUCTION: ANSWER ALL QUESTIONS**

- 1 (a) The term *public utilities* refer to the collection of specific services provided by public and private organizations and institutions that make up the public services industry Discuss **6 marks**
- (b) Enumerate the components of public utility **10 marks**
- (c) Write a short note on State of public utilities in Nigeria **5 marks**
- 2 (a) Highlight any 5 differences between public utilities and other business organization **10marks**
- (b) Write short notes on the following terms:
- i. Macroeconomic linkages
  - ii Microeconomic linkages **5 marks**
- (c) Highlight 10 benefits of privatization of public utilities companies **10 marks**
- 3 (a) Discuss at least 4 megatrends that impact all utilities, regardless of size, location, or sector, and which function as major barriers to their continued sustainability. **6 marks**
- (b) Discuss sewage treatment process **10 marks**
- (c) Write a brief historical perspective of water supply and sanitation development **8 marks**