



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Health Sciences**  
**Department of Environmental Health Science**  
**September 2020\_1 Examination**

**Course Code: EHS419**

**Course Title: Sanitary Engineering**

**Course Units: 2 Credit Units**

**Time Allowed: 2 Hours**

**Total Score: 70 Marks**

**Instruction: Answer all the questions.**

**QUESTION 1**

- a) Explain the major environmental threats arising from urbanization. (20 marks).
- b) How can these threats be prevented or controlled? (10 marks).

**QUESTION 2**

With the aid of a diagram, explain the hydrological cycle (20 marks).

**QUESTION 3**

- a) What are the major characteristics distinguishing hazardous wastes? (10 marks).
- b) In what ways are hazardous wastes disposed? (10 marks).