**

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, Plot 91 Cadastral Zone, NnamdiAzikiwe Express Way, Jabi - Abuja.**

**FACULTY OF SCIENCES**

**ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT**

**JANUARY/FEBRUARY 2018 EXAMINATIONS**

**COURSE CODE: ESM 317 TIME ALLOWED: 2HOURS**

**COURSE TITLE: LAND AND WATER POLLUTION CREDIT UNIT: 2**

**INSTRUCTION:** Attempt Question 1 and any other THREE questions

**1a**. With relevant examples, explain the term “Resources” **(5marks)**

**1b**.With examples, distinguish between renewable and non-renewable resources **(10marks)**

**1c.** Discuss any three reasons for resource conservation**(10 marks)**

**2.**Discuss reasons for the recycling of wastes materials. **(15marks)**

**3a.** What are pollutants? **(5marks)**

**3b**. How are pollutants classified.**(10marks)**

 **4.** How can land pollution which has become a menace in developing countriesbe prevented or controlled?**(15marks)**

**5a.** Differentiate between “Deforestation” and “Conservation” **(5marks)**

 **5b.** What factors are responsible for high rate of deforestation **(10marks)**