**

**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 345 TIME ALLOWED: 2HOURS**

**COURSE TITLE: APPLIED CLIMATOLOGYCredit Unit: 2**

**Instruction:** Attempt question number one (1) and any other three (3).

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

**b**. Briefly explain any **four** types of drought**(10marks)**

**c.** Explain any four drought mitigation measures.**(10marks)**

**2.** Discuss the scope and content of applied climatology.**(15marks)**

**3**. Discuss how climate affects agriculture and industry **(15marks)**

**4.** Discuss human accomplishments in the dainty of climate variation.**(15marks)**

**5**. Discuss any**five**causes of river flooding in Nigeria.**(15marks)**