****

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

Plot 91, Cadastral Zone, NnamdiAzikwe Expressway Jabi-Abuja

**Faculty of Sciences**

**DEPT OF ENVIRONMENTAL SCIENCE AND RESOURCES MANAGEMENT**

**JULY EXAMINATION2017**

**ESM 328-Biodiversity Conservation**

**INSTRUCTION-ANS.Question one (1) Compulsory and any other three (3) QUESTIONS**

**TIME ALLOWED: 2: 30 Mins.**

Q 1.Discuss why pollution continues to be an increasing problem for the conservation of biological diversity and the environment in particular. **(5 marks)**

b**)**Explain the impact of the following on biological diversity

(i) Increased temperature **(5 marks)**

(ii) Sea level rises **(5 marks)**

(iii) Altered rainfall regimes **(5 marks)**

c. Provides biological evidences for the diversity of communities**.(5marks)(Total 25 marks)**

Q 2. a. Outline the major factors that influence a species endangerment. **(7 marks)**

**b**. Enumerate the characteristics of the important economic woods in the tropical rainforest **(8 marks)**

**Q 3.** a. Our biological diversities are disappearing at an alarming rate; suggest some critical steps to ameliorate it**(7 marks)**

b. Mention at least four (4) basic forms of conservation methods that you think your country is yet to adopt in conserving biological diversity. **(8 marks)**

**Q 4.** A.Write an essay onEND-OF-PIPE (EOP) APPROACH in your own understanding (**7 marks)**

b. Waste to Wealthis the best option in waste minimization, explore other methods that will suit your immediate locality.**(8 marks)**

**Q5a.** Explain the causes of global warming and climate change in Nigeria (**10 marks)**

5b. define the term ‘global warming and climate change’ (**5 marks)**