

**National Open University of Nigeria**

**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**

**Faculty of Science**

**NOVEMBER, 2018 EXAMINATIONS**

**COURSE CODE: ESM 328**

**COURSE TITLE: BIODIVERSITY CONSERVATION**

**CREDIT: 2 Units**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION: Answer Question ONE (1) and any other THREE (3) Questions**

1a) Examine the effects of mitigation strategies on Biodiversity Conservation (**5mks)**

1b) Discuss the benefits of biodiversity in Africa (**10mks)**

1c) Discuss the content that a cooperative programme entails in conserving biological diversity (**5mks)**

1d) Identify five factors driving climate change (**5mks)**

2a: Give a brief description of the following species

          i. Native species  ii. Alien species  iii. Keystone species  iv. Indicator species   (8 markks)

2b) Outline seven uses of tropical trees in West Africa.**(7mks)**

3a) What is mitigation?**(2mks)**

3b) Define the following terms

i)Aim of Protocol**(2mks)**

ii) Scope of the Protocol**(2mks)**

3c) Discuss extensively Article 1 of the protocol on biodiversity conservation**(9mks)**

4a) State the reasons for high rates of species loss **(5mks)**

4b) Outline the ways in which man is responsible for species endangerment**(5mks)**

4c) State the Methods of waste management and disposal**(5mks)**

5a) Why is Biodiversity still under threat  (5 marks)

5b) Enumerate on any five ways of conserving biodiversity**(10mks)**