



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja  
**Faculty of Agricultural Sciences, Dept. of Agricultural Economics and Extension,**  
PoP Examination Questions, 2021 12345

**Course Title: ENVIRONMENTAL ECONOMICS**

**Course Code: AEA 510**

**Credit Unit: 3 Units**

**Total Score: 70 Marks**

**Time Allowed: 3hrs**

**Instruction: Answer Question one and three other questions**

- 1a. What is Ecosystem? (2 ½ marks)
- b. Explain the main components of the Ecosystem (5marks)
- c. Differentiate clearly between Renewable resources and Non-renewable resources (10mks)
  
- 2a. What factors affect the Ecosystem? (3½ marks)
- b. Discuss how increasing human population on the environment has led to climate change (4mks)
- c. List and explain the three (3) main characteristics of Resources (10 marks)
  
- 3a. What is Biophysical carrying capacity? (3 ½ marks)
- b. Explain the concept of Economic sustainability (5 marks)
- c. Distinguish between Social carrying capacity and Eco development (9marks)
  
- 4a. Discuss the five (5) different classes of Aquatic Ecosystem (10marks)
- b. Explain five Terrestrial Ecosystems (7 ½ marks)
  
- 5a. Explain five (5) importance of Environmental Economics (10marks)
- b. Discuss how increasing human population on the environment has led to depletion of non-renewable resources (7 ½ marks)