



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCES AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

ESM 428 Environmental Science and Resource Management (2 CR)

TIME ALLOWED: 2½ hrs

INSTRUCTIONS: Answer 4 questions out of 6

1. With appropriate examples, differentiate between renewable and non-renewable resources (25 marks)
2. Integrated watershed management is a subset of environmental planning. Discuss(25 marks)
- 3a. Briefly identify and discuss the major components of the atmosphere
- b. Explain the biosphere as part of the natural environment ((25 marks)
4. Briefly describe how these factors impact on the natural environment
 - a. Industry
 - b. Tourism and Recreation
 - c. Transport and Infrastructure
 - d. Deforestation
 - e. Agriculture (25 marks)
5. What are the major challenges to wildlife conservation in Africa? (25 marks)

6. Enumerate and explain the various instruments of environmental protection (25 marks)