



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2021_2 EXAMINATIONS

COURSE CODE: ESM346

COURSE TITLE: Environmental Planning and Management

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

Instruction: Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) carries 25 marks, while the other questions carry (15) marks each.

1a. How can landslides be controlled and minimized? (10 marks)

1b. In what ways can landslides be corrected? (10 marks)

1c. What is a wet snow avalanche? (2 marks)

1d. How can avalanches be controlled? (3 marks)

2a. Name the types of flooding (4 marks)

2b. Highlight the factors that can enhance flooding (4 marks)

2c. Name three major layers of the earth (3 marks)

2d. What is a crater? (4 marks)

3a. List four major extrusive volcanic landforms (4 marks)

3b. Explain the three types of volcanic materials? (11 marks)

4a. List the major intrusive volcanic landforms (8 marks)

4b. List the three types of volcano (3 marks)

4c. What is a caldera? (4 marks)

5a. Briefly explain Dykes (6 marks)

5b. Describe Loccoliths (4 marks)

5c. Explain Intrusive Volcanic Landforms (5 marks)