



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
DEPARTMENT OF CROP AND SOIL SCIENCE**

**EXAMINATION: 2021\_1 POP EXAMINATION**

**COURSE CODE: SLM 306**

**COURSE TITLE: SOIL EROSION AND CONSERVATION (2 UNITS)**

**TOTAL SCORE: 70 MARKS**

**INSTRUCTION: Answer *THREE* Question in all**

***Question 1 is compulsory (30 marks) and any TWO Questions (20 marks)***

**TIME ALLOWED: 2 hours**

**Q.1a.** Define the term soil erosion, mentioned and explains the two main types of erosion (24 Marks)

**b.** Briefly discuss the two major causes of erosion

**Q. 2.** Elaborate the three main processes of soil erosion (20 Marks)

**Q. 3.** How do the following three factors affect water erosion?

- Climate
- Vegetative Cover
- Topography

**Q.4a.** List all the anthropogenic activities involved as a drivers of soil erosion

**b.** Describe four (4) main mechanisms for aggregate breakdown (10 marks)