



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

EXAMINATION: 2021_1 POP EXAMINATION ...

COURSE CODE: SLM 508

COURSE TITLE: LAND RECLAMATION (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 Land reclamation and explain the concept (20 Marks)

b. Discuss both the reclamation for salt-affected and eroded soils (10 Marks)

Q. 2. Differentiate between soil compaction and soil pollution (20 Marks)

Q.3. What are the major differences and similarities between deforestation and desertification? How does the two affect climate change? (20 Marks)

Q.4.a State the effects of Soil Compaction (9 Marks)

b. Discuss the surface and subsurface compaction on soil and how it affects crop yield? (11 Marks)