



**FIJI NATIONAL UNIVERSITY**  
**College of Agriculture, Fisheries & Forestry**  
**School of Agriculture**  
**Department of Crop Production**  
**FINAL EXAMINATION: 2015**

**B.Sc Agriculture III<sup>rd</sup> year: Trimester II<sup>nd</sup>**

**SOIL EROSION AND ITS CONTROL (SAC 703)**

**TOTAL MARKS: 50**

**TIME ALLOWED: 3:10 HOURS**

**INSTRUCTIONS:**

This paper consists of two (2) pages. Please check to see that your paper is complete.

**Answer all questions in the answer booklet.**

- Number your answers correctly in the provided answer **booklet**.
- Write your student ID number on all pages that you use including any additional sheet paper.
- Printed or written study materials are not allowed into the examination hall.
- Mark values appear at the end of each question or part thereof.

**"MOBILE PHONES ARE STRICTLY NOT ALLOWED"**

**Give the answer for following questions****Attempt all questions: Total marks 50**

1. What do you understand with soil erosion? Brief explain the importance of soil erosion studies. (6 marks)
2. What do you understand with Geological and Accelerated erosion? Write a short note on anyone. (6 marks)
3. Briefly explain the types of off-site damages caused by accelerated erosion. (6 marks)
4. What are fundamental steps of water erosion? Explain each with appropriate diagram. (6 marks)
5. What type of cultural practices can be adopted to control the wind erosion? Write a paragraph on each. (6 marks)
6. What do you understand with Universal Soil Loss Equation (USLE)? Discuss the factors of USLE. (10 marks)
7. Give the general classification of different type of conservation tillage systems and explain the operations involved in each category. (10 marks)

**END OF EXAMINATION PAPER**