

**FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI**

**SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY**

**DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY**

**SESSION: 2013 / 2014**

**SEMESTER: HARMATTAN**

**COURSE CODE: CST 511    COURSE TITLE: FARMING SYSTEMS IN THE TROPICS**

**INSTRUCTION: ANSWER 5 QUESTIONS ONLY    TIME: 3 HOURS**

- 1 (a) Briefly discuss farming systems approaches in solving pertinent farm problems  
(b) Enumerate the characteristics of farming systems.
- 2 Illustrate using a chart; crop production systems in the humid and semi humid environment
- 3 (a) Describe and differentiate between farm system and farming system  
(b) Explain the criteria used in classification of the farming systems of tropical environment
- 4 (a) Describe the factors that affect the development of farm system  
(b) Discuss the farming systems existing in Sub – sahara Africa
- 5 (a) Enumerate and discuss 5 ways in which Agricultural practices have affected our natural resource base  
(b) Explain the role of farmers in Sustainable Agriculture
- 6 (a) What do you understand by taungya farming and mixed farming  
(b) Explain the importance of each farming system in Sustainable Agriculture