

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS**

**BACHELOR OF SCIENCE IN AGRICULTURAL ECONOMICS**

**COURSE CODE: ARE 370**

**COURSE TITLE:** **FARMING SYSTEMS**

**DATE: 4TH JULY, 2017 TIME: 0830 – 1030HRS**

**INSTRUCTIONS TO CANDIDATES**

Answer Question **ONE** and any other **THREE** questions

*This paper consists of* ***TWO***  *printed pages. Please turn over.*

**QUESTION ONE**

1. Highlight the reasons of adopting farming systems research and development process. (**7mks)**
2. Explain the various forms of multiple cropping. (**7mks)**
3. Discuss conservation measures toward medicinal plants. (**5mks)**
4. Briefly discuss the main agroforestry systems in Kenya. (**6mks)**

**QUESTION TWO**

Explain the farming systems research and development process. (**15mks)**

**QUESTION THREE**

Discuss the indicative crop classification (ICC) system and the various crop categories. (**15mks)**

**QUESTION FOUR**

1. Define organic agriculture. (**2mks)**
2. Explain the main production constraints associated with organic agriculture. (**4mks)**
3. Discuss the ways of overcoming the constraints. (**9mks)**

**QUESTION FIVE**

Discuss;

1. The tea-based farming system; (**5mks)**
2. The cerial-grain-legumes farming system; (**5mks)**
3. Group-ranching farming system. (**5mks)**

**//END**