

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS**

**BACHELOR OF SCIENCE AGRICULTURAL ECONOMICS**

**COURSE CODE: ARE 333**

**COURSE TITLE:** **AGRICULTURAL INFORMATION                                   SYSTEMS**

**DATE: 13TH JULY, 2017 TIME: 1100 – 1300HRS**

**INSTRUCTIONS TO CANDIDATES**

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

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

**QUESTION ONE**

1. Define an information system from a technical perspective. (**4mks)**
2. Distinguish between the following:
3. Knowledge work systems and office automation systems; (**4mks)**
4. Data warehouse and data mart; (**4mks)**
5. Management information systems and decision support systems.     (**4mks)**
6. Highlight the characteristics of management information systems.(**5mks)**
7. Explain the management roles that information systems support. (**6mks)**

**QUESTION TWO**

1. Describe the decision making process, citing examples of decisions.      (**11mks)**
2. Highlight the characteristics of decision support systems. (**4mks)**

**QUESTION THREE**

Discuss the principle tools and technologies for accessing information from databases, to improve an agricultural organization’s performance. (**15mks)**

**QUESTION FOUR**

Discuss the role of people, organizations and information technology in agricultural information systems. (**15mks)**

**QUESTION FIVE**

Identify and explain the types of information systems found in an agricultural organization, indicating the groups they serve and the organizational level.      (**15mks)**

**//END**