



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
MAIN EXAMINATION**

**FIRST YEAR SECOND SEMESTER EXAMINATION
FOR THE DEGREE
OF
BED. AGRICULTURE EXTENSION AND EDUCATION**

COURSE CODE: AEX /ICT 802

**COURSE TITLE: INFORMATION COMMUNICATION TECHNOLOGY
(ICT)**

DATE: 11/4/2024

TIME: 9-11 AM

INSTRUCTION TO CANDIDATES

Question ONE (1) is compulsory

Answer THREE(3) questions

TIME: 2 hours

MMUST observes ZERO tolerance to examination cheating

This paper consists of 3 printed pages. Please Turn Over

SECTION A (30MARKS) COMPULSORY

- a) State three roles of an information technology manager in any given organization (3 mks)
- b) Summary any five functions of ICTS in the modern world of agriculture as a business (5mks)
- c) Mention four benefits of effective communication in agriculture development (4mks)
- d) Describe three classes of information resource management (IRM) (6 mks)
- e) Agricultural Organizations can acquire new technology in many different ways depending upon the necessary of using it. Describe the three steps for acquisitions of knowledge (6 mks)
- f) State and describe the three features of information technology management of a successful agricultural organization (6 mks)

SECTION B (40 MARKS) ANSWER ANY TWO QUESTIONS FROM THIS SECTION

Question Two

- a) State and explain five functions of computers to organizations (10 mks)
- b) Describe five ethical issues faced by information technology in the agriculture Sector (10 mks)

Question Three

Discuss the role of Information Communication Technology (ICT) in revamping modern agricultural technology and transforming agricultural extension services (20 mks)

Question Four

- c) Name and describe the four information resources that most communicators regard most important to all agricultural organizations (12 mks)
- d) State and explain any four policies and procedures an organization should have in place to manage all issues related to information both before during and after (8 mks)