KENYA METHODIST UNIVERSITY
FIRST TRIMESTER 2008 EXAMINATIONS

FACULTY	:	**SCIENCE AND SOCIAL STUDIES**
DEPARTMENT	:	**COMPUTER AND INFORMATION SCIENCE**
COURSE CODE	:	MISC 432
COURSE TITLE	:	**COMPUTER CENTER MANAGEMENT**
TIME	:	**2 HOURS**

Instruction:
- **Answer question one and answer two other questions**.

QUESTION ONE (30 MARKS)

1. Using a diagram, explain the two-way relationship between organizations and Information Technology (16Mks)

2. Discuss how information systems affect organizations (using the two theories) (4Mks)

3. In relation to DBMS, what are the requirements for a computer center management (6Mks)

4. Outline the implementation factors in telecommunication systems for computer center (4Mks)

QUESTION TWO (15 MARKS)

1. Briefly describe the structural characteristics of all organization (6Mks)

2. There are different organizational types; with examples briefly describe the different organizational types (5Mks)

3. Change is only constant in the relationship between information systems and organizations. Outline four points that a person needs to consider (4Mks)

QUESTION THREE (15 MARKS)

1. Explain the difference data represented in computers (4Mks)

2. Describe at least three types of semi-conductor memory (3Mks)

3. Using diagrams show the difference between sequential and parallel processing in supercomputer (8Mks)

QUESTION FOUR (15 MARKS)

1. Briefly explain at least four information technology trends keeping in mind speed and computing capabilities (8Mks)

2. Show with a diagram and also with example, the database hierarchy (7Mks)

QUESTION FIVE (15 MARKS)

1. Creating a control environment for an information system helps to prevent some security problems, explain at least general controls used (15Mks)