# TECHNICAL UNIVERSITY OF MOMBASA

## SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

## SOCIAL SCIENCES

## UNIVERSITY EXAMINATION FOR:

## DIS Y2S3

## BLR2207: CLASSIFICATION II PRACTICALS

## SERIES: APRIL 2016

## TIME: 2 HOURS

## DATE: 9TH May 2016

**Instructions to Candidates**
You should have the following for this examination
*-Answer Booklet, examination pass and student ID*
This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.
Questions 2-5 Use DDC 19th ed. To classify the under mentioned items:

**Do not write on the question paper.**

**Question ONE**

    (a) Explain the following term  notation                 (2 marks)

    (b) Describe the (4) four types of notations            (20 marks)

    (c) Explain (4) four qualities of a good notation       (8 marks)

**Question TWO**

Introduction to operations research for third world countries

**Introduction**

It introduces to students to the methods and models of operations research. It includes the use of metaheuristics to solve large complex problems, the integration of constraint programming with mathematical programming and the use of multiechelon inventory models.

**Question THREE**

Dictionary of Chemistry

**Question FOUR**

Understanding organizational behavior

**Introduction**

The text explores the realities of contemporary organizational life and the fact that challenges are the pathways to taking advantage of the opportunities that change offers.

**Question FIVE**

Applied mathematics for craft engineering

**Introduction**

The book emphasizes a practical and student centered approach to learning applied mathematics. It covers topics intended to provide students with skills and techniques necessary for solving engineering course problems.

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**Question ONE**

    (a) Define the term classification scheme                    (2 marks)
    (b) Notation                                          (2 marks)
    (c) Outline (5) five importance of library classification      (10 marks)
    (d) Explain any (5) five qualities of a good classification scheme     (10 marks)
    (e) Highlight  (3) three rules of library classification         (6 marks)

**Question TWO**

Study and teaching of organic chemistry

**Question THREE:**

An encyclopedia of engineering

**Question FOUR**

A history of the administration of local government

**Question FIVE**

Agriculture in the 2oth century