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(University of Choice)

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

(MAIN CAMPUS)

**UNIVERSITY EXAMINATIONS (MAIN PAPER)
2022/2023 ACADEMIC YEAR**

FIRST YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
MASTER OF MEDICAL LABORATORY SCIENCES & TECHNOLOGY
(HAEMATOLOGY AND BLOOD TRANSFUSION OPTION)**

COURSE CODE: BMH 825

**COURSE TITLE: BLOOD TRANSFUSION SERVICES
MANAGEMENT**

DATE: 24TH APRIL 2023

TIME: 11.00AM – 02.00PM

INSTRUCTIONS TO CANDIDATES

This examination paper contains five questions of 25 marks each. Answer QUESTIONS ONE and any other THREE questions. Illustrate your answers with labeled diagrams where appropriate.

TIME 3 Hours

MMUST observes ZERO tolerance to examination cheating

QUESTION ONE

Describe establishment of a national blood donor services in reference to WHO standards (25 marks).

QUESTION TWO

Describe the blood products and components used in transfusion medicine (25 marks).

QUESTION THREE

- a) Discuss quality assurance in blood banking (15 marks.
- b) b. Discuss indicators used to monitor and evaluate blood donor services (10 marks)

QUESTION FOUR

a. Describe Hospital transfusion committee; activities, role in the hospital, members (25 marks)

QUESTION FIVE

Describe acute and chronic transfusion anomalies (25 marks):