



(University of Choice)

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

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**END OF SEMESTER EXAMINATIONS**

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

**COURSE CODE: BMH 826**

**COURSE TITLE: HEMOSTATIC CONTROL AND  
IMMUNOHAEMATOLOGY**

**DATE: 27/04/2022**

**TIME: 8.00 - 11.00 AM**

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**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.

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

**QUESTION ONE**

Describe the extrinsic and intrinsic stages of haemostasis (25 marks).

**QUESTION TWO**

Discuss the tests for assessment of coagulation function and dysfunction (25 marks).

**QUESTION THREE**

Describe platelet disorders under the following (25 marks):

- a) Aetiology
- b) Pathophysiology
- c) Laboratory tests

**QUESTION FOUR**

Describe platelets as follows (25 marks):

- a) Structure and composition
- b) Functions

**QUESTION FIVE**

Describe the process of thrombopoiesis (25 marks).