



(University of Choice)

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

**UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR**

**END OF TERM EXAMINATION  
MAIN CAMPUS**

**FOURTH YEAR FIRST SEMESTER EXAMINATIONS**

**FOR THE DEGREE  
OF  
BACHELOR OF MEDICINE AND BACHELOR OF  
SURGERY**

**COURSE CODE: MCS 417**

**COURSE TITLE: JUNIOR CLERKSHIP REPRODUCTIVE  
HEALTH**

**DATE 22<sup>ND</sup> APRILL 2022**

**TIME: 8AM – 10AM**

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**INSTRUCTIONS TO CANDIDATES**

E.g: Answer ALL questions in section A,B and C

TIME: 2 HOURS

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

## Question 1

Define maternal death (5 marks)

## Question 2

List the five major direct causes of maternal death in Kenya (5 marks)

## Question 3

During your County referral hospital labour ward rotation, the midwife alerts you about Jane Njambi, a 39 year old now para 4 +0 who presents as a referral from a peripheral facility with a history of heavy per vaginal bleeding following a home delivery assisted by a traditional birth attendant. She delivered about 30 minutes prior to presentation. The nurse is concerned that Jane has postpartum haemorrhage and asks you to review the patient

- a) Define and classify postpartum haemorrhage? (15marks)
  
- b) On further enquiry Jane and her family express concern that the outcome would have been different if this complication was anticipated. You state that the clinician cannot predict the outcome but can identify risk factors for postpartum haemorrhage. What are the maternal and fetal risk factors for postpartum haemorrhage? (15 marks)
  
- c) You and your colleagues brainstorm on the causes of Jane's diagnosis of postpartum haemorrhage, and the general and cause specific management of Jane following the diagnosis. Outline four causes of postpartum haemorrhage (8 marks)
  
- d) Describe the general resuscitation management plan (14 marks)
  
- e) For each cause listed in (c) above, list the specific management plans (16 marks)
  
- f) Jane is informed that she is at greater risk of having postpartum haemorrhage in subsequent pregnancy and delivery. Describe the care that would prevent postpartum haemorrhage in subsequent pregnancy both antenatally and pospartum. (10 marks)
  
- g) One of your colleagues states that Jane's conditions is a major type of obstetric haemorrhage, leading cause of maternal mortality and morbidity. Describe the other causes of obstetric haemorrhage (12 marks)