

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2017/2018**

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE BACHELOR OF MEDICAL LABORATORY SCIENCES

**MLS 2402: FORENSIC MEDICINE**

**DATE: DECEMBER 2017 TIME: 2 HOURS**

**SECTION A: ANSWER TWO QUESTIONS**

1. a. Outline postmortem changes. (16 marks)

 b. State the sources of evidence. (6 marks)

 c. Explain the methods of estimating the time of death. (4 marks)

 d. Name any eight scopes of forensic medicine. (4 marks)

2. Concerning forensic blood investigation.

 a. List down the importance of blood stain in forensic medicine.

(3 marks)

 b. List the characteristics of blood. (3 marks)

 c. Classify blood spatter pattern. (4 marks)

3. a. Classify and give examples of wounds. (5 marks)

 b. State the forensic importance of wounds. (5 marks)

**SECTION B: ANSWER ALL QUESTIONS**

4. a. Define Asphyxia and list down the stages of asphyxia. (5 marks)

 b. What are the mechanism of death in asphyxia. (5 marks)

5. a. Name the various methods of identification of the living and dead. (4 marks)

b. List the primary physical characteristics of dead used for identification. (6 marks)

6. In path gnomonic of drowning one would be able to tell that the victim was alive on entering the water. Discuss the various evidence that one would find in a victim who entered water alive then drown. (10 marks)