

LCR4801

October/November 2011

FORENSIC MEDICINE

Duration 2 Hours

100 Marks

EXAMINERS : Prof IA Loftus
 FIRST MR LC COETZEE
 SECOND

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This paper consists of 1 page

ANSWER ALL QUESTIONS. (Candidates may retain this paper).
Please note that you have TWO HOURS to answer this paper.
You may make sketches if you want to illustrate any aspect.

- 1 Write an essay on the general principles of toxicology and poisoning. (30)
- 2 During a fight a person is stabbed in the neck with a knife. The blade enters the chest cavity. The victim collapses shortly afterwards and dies. Discuss the possible mechanism(s) which could have caused death, and also the procedure to be followed at post-mortem to confirm/exclude this/these possible cause(s). (30)
- 3 Discuss post-mortem lividity (hypostasis). Also include in your answer a discussion of how color changes may assist in the case of possible poisoning. (18)
- 4 List the different types of intracranial haemorrhages. (6)
- 5 List the different types of shock from which a person may suffer. (5)
- 6 Tabulate the differences in appearance between incised wounds and lacerations. (6)
- 7 A person is involved in a motor vehicle accident whilst under the influence of alcohol. He suffers a serious head injury and is admitted in an unconscious state to the hospital. He contracts pneumonia after three days, develops respiratory failure and dies. List the following
 - a The primary cause of death,
 - b The terminal cause of death,
 - c The mechanism of death,
 - d The predisposing or contributory cause of death. (5)

Total: [100]