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**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.**  
Third Examination for Medical Degrees (Part II) – April 2002  
**FORENSIC MEDICINE - PAPER I**

Wednesday  
Thursday 24<sup>th</sup> April, 2002

9.00 am to 12.00 noon  
(3 hours)

Answer ALL FIVE Questions.

Answer each PART in a SEPARATE BOOK.

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**Part A**

1. 1.1 Define the term torture. (10 marks)
- 1.2 Describe the short term and long term effects of those who have been tortured by the Police. (40 marks)
- 1.3 Describe five methods of torture practiced by the Sri Lankan Police. (50 marks)
  
2. Describe the use of X-rays in forensic medicine. (100 marks)
  
3. Describe the possible features in the internal organs that may be found in a person with a history of hypertension who had died suddenly and unexpectedly. (100 marks)

**Part B**

4. 4.1 Explain the terms 'hypostasis' and 'cadaveric spasm'. (30 marks)
- 4.2 Discuss their medico-legal importance. (70 marks)
  
5. 5.1 Describe the differences between entry wounds and exit wounds caused by bullets from rifled firearms. (30 marks)
- 5.2 How would you estimate the range of fire in such injuries? (40 marks)
- 5.3 What are the post-mortem features of suicidal firearm injuries? (30 marks)