



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.

Third Examination for Medical Degrees (Part II) – April 2002

PATHOLOGY - PAPER I

Monday 22nd April, 2002

9.00 am to 11.00 am

2 hours

Answer ALL FOUR Questions.

Answer each part in a SEPARATE book.

Part A

1. Describe briefly the macroscopic and microscopic changes seen in the following conditions.
 - 1.1 Liver in amyloidosis (25 marks)
 - 1.2 Liver with secondary deposits of a malignancy (25 marks)
 - 1.3 Lung in lobar pneumonia (25 marks)
 - 1.4 Small intestine in intestinal tuberculosis (25 marks)

Part B

2. A postmortem was performed on a 60 year-old man who died on the 4th day following a myocardial infarction.
 - 2.1 Define the term infarction. (10 marks)
 - 2.2 Describe the macroscopic changes that you expect to see in his heart. (40 marks)
 - 2.3 Describe briefly the possible causes of death in this patient. (30 marks)
 - 2.4 Describe briefly the enzymic changes that you expect to see in this patient within the first 24 hours following the infarction. (20 marks)

Part C

3. Write notes on the following.
 - 3.1 Non-traumatic (spontaneous) intracerebral haemorrhage. (40 marks)
 - 3.2 Poststreptococcal glomerulonephritis. (30 marks)
 - 3.3 Carcinoma of breast. (30 marks)

Part D

4. 4.1 What are the infections which can be transmitted by transfusion of blood.? (20 marks)
- 4.2 Discuss briefly the measures taken by the blood bank in preventing transfusion transmitted infections. (30 marks)
- 4.3 Name 5 reasons for rejecting a person from donating blood. (10 marks)
- 4.4 List the abnormalities you would see in the laboratory investigations (biochemical tests done on serum & urine) that are done for the following conditions.
 - a) nephrotic syndrome. (10 marks)
 - b) chronic liver disease. (10 marks)
 - c) multiple myeloma. (10 marks)
 - d) haemolytic anaemia. (10 marks)