



THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain
Reg No 1955/000003/08

Part I Examination for the Fellowship of the
College of Forensic Pathologists of South Africa

25 June 2018



Paper 1

Anatomical Pathology

(3 hours)

All questions are to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1 Write short notes on the macroscopic and microscopic morphological features of the following:
 - a) Hypertensive kidney disease (nephrosclerosis). (5)
 - b) Infective endocarditis. (5)
 - c) Hypertrophic cardiomyopathy. (5)[15]
- 2 Write short notes on the pathogenesis and morphology of aortic dissection. [15]
- 3 Briefly describe the pathology and the possible mechanisms of death occurring in hydatid disease. [15]
- 4 Describe the aetiology, pathophysiology, macroscopic and microscopic features of diffuse alveolar damage. [15]
- 5 Write short notes on bronchiectasis under the following headings:
 - a) Definition. (3)
 - b) Pathogenesis. (12)[15]
- 6 Write notes on your approach to- and the expected findings in a post mortem examination conducted on a 55-year-old male with a history of chronic, severe alcohol abuse. [25]

TOTAL MARK: 100



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26 June 2018



Paper 2

(3 hours)

All questions are to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1 Briefly describe the microscopic features of:
 - a) Cytomegalovirus infection. (5)
 - b) Measles pneumonia. (5)
 - c) Herpes Simplex Virus infection. (5)[15]
- 2 Briefly describe the vascular malformations that may cause intracerebral haemorrhage with specific reference to possible location, macroscopic and microscopic features. [15]
- 3 Briefly describe the aetiology, pathogenesis and morphology of rickets. [15]
- 4 Briefly describe primary acute adrenocortical insufficiency, including the Waterhouse–Friderichsen Syndrome. [15]
- 5 Write short notes on:
 - a) The histopathological morphology of myocarditis. (5)
 - b) Aetiology and pathology of acute pancreatitis. (10)[15]
- 6 You are asked to perform an autopsy during your rotation through the Department of Anatomical Pathology. The deceased was a 40-year-old female with a longstanding history of systemic lupus erythematosus. Describe your approach to such a case, including the possible macroscopic and microscopic findings. [25]

TOTAL MARK: 100