



## 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

28 January 2019



Paper 1

Anatomical Pathology

(3 hours)

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

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- 1 Discuss shock with specific reference to the definition, classification, aetiopathogenesis, stages, morphology and complications thereof. [25]
- 2 Describe the possible macroscopic and microscopic post-mortem findings in a 35-year-old female with a confirmed history of sarcoidosis. [15]
- 3 Write short notes on the morphology of:
  - a) Acute aseptic (viral) meningitis. (5)
  - b) Brain abscess. (5)
  - c) Chronic bacterial meningoencephalitis. (5)[15]
- 4 Write short notes on liver cirrhosis with specific reference to:
  - a) Definition. (5)
  - b) The most common causes in South Africa. (2)
  - c) Macroscopic and microscopic features. (8)[15]
- 5 Write notes on the stages of fracture healing. [15]
- 6 Write short notes on the histopathological morphology of:
  - a) Candidiasis. (5)
  - b) Cryptococcosis. (5)
  - c) Aspergillosis. (5)[15]

TOTAL MARKS: 100



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Paper 2

(3 hours)

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- 1 List and briefly discuss the complications of myocardial infarction. [25]
  
- 2 Define, describe and provide examples of heterotopic calcification under the following headings:
  - a) Dystrophic calcification. (7)
  - b) Metastatic calcification. (8)[15]
  
- 3 Write notes on the morphology of diabetic nephropathy. [15]
  
- 4 Write short notes on the morphology of:
  - a) Peptic ulcer disease. (5)
  - b) *Helicobacter pylori* gastritis. (5)
  - c) Autoimmune gastritis. (5)[15]
  
- 5 List and write short notes on the cellular adaptations to stress. [15]
  
- 6 Write short notes on the physical manifestations of the following deficiencies:
  - a) Vitamin C. (5)
  - b) Copper. (5)
  - c) Vitamin A. (5)[15]

TOTAL MARKS: 100