



## 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

27 January 2020



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 booklet is required for the one answer).*

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**Please answer questions 1 to 3 in one booklet.**

- 1 Write brief notes on the complications (pathological outcomes) of skin wound healing. [10]
- 2 A known asthmatic patient dies following an episode of *status asthmaticus*. Write brief notes on the expected pulmonary autopsy and histological findings. [10]
- 3 Explain the aetiopathogenesis of acute respiratory distress syndrome. [10]

**Please answer question 4 in one booklet.**

- 4 Briefly discuss different types of hypersensitivity reactions, including mechanism, pathology and appropriate examples. [20]

**Please answer question 5 in one booklet.**

- 5 Write notes on the pathophysiology and pathomorphology (macroscopic and microscopic) of cerebral oedema. [20]

**Please answer questions 6 and 7 in one booklet.**

- 6 Discuss cellular adaptations to stress and noxious stimuli, giving appropriate examples. [20]
- 7 Write notes on ANY TWO of the following
  - a) Takayasu arteritis. (5)
  - b) Fibrinoid necrosis. (5)
  - c) Kaposi Sarcoma. (5)[10]



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Paper 2

Anatomical Pathology

(3 hours)

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**Please answer questions 1 and 2 in one booklet.**

- 1 Discuss alcohol-induced liver disease in terms of
- a) Pathophysiology. (8)
  - b) Morphology of alcoholic steato-hepatitis. (7)
- [15]
- 2 Briefly differentiate between the macroscopic features of the vegetations in four major forms of endocarditis. [10]

**Please answer questions 3 and 4 in one booklet.**

- 3 Write short notes on histopathological morphology of
- a) Malaria. (5)
  - b) Rabies. (5)
  - c) Aspergillosis. (5)
- [15]
- 4 Discuss the aetiology, pathogenesis and pathology of Disseminated Intravascular Coagulopathy. [20]

**Please answer question 5 in one booklet.**

- 5 Write notes on the pathophysiology and pathomorphology of phlebothrombosis and thrombophlebitis. [20]

**Please answer question 6 in one booklet.**

- 6 With regards to cell death
- a) Briefly discuss apoptosis. (10)
  - b) Describe and discuss patterns of necrosis encountered in the practice of forensic pathology. (10)
- [20]