



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 Pathologists of South Africa – Oral Pathology

26 January 2017



1 Paper only

(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 a) Discuss the oncogenic effect of the following
- i) Hepatitis B virus. (6)
 - ii) Hepatitis C virus. (2)
 - iii) Helicobacter pylori. (7)
- b) Discuss, with reference to relevant examples, the indications for molecular genetic testing in neoplasms. (5)
- c) Discuss the functions of the extracellular matrix. (5)
- [25]
- 2 a) Write short notes on the following
- i) The pathogenesis of Graves disease. (5)
 - ii) The role of tumour necrosis factor in acute inflammation. (5)
 - iii) The adenoma-carcinoma sequence in colorectal carcinomas. (5)
- b) Write notes on the classification of Hodgkin lymphoma with reference to the histomorphology and immunohistochemical findings. (10)
- [25]
- 3 a) Briefly discuss or illustrate by means of a diagram the major factors that play a role in the pathogenesis of septic shock. (10)
- b) Briefly discuss the four major types of emphysema. (7)
- c) Discuss the macroscopic and microscopic morphology of the spectrum of alcoholic liver disease. (8)
- [25]
- 4 a) Discuss the pathogenesis of dilated cardiomyopathy. (9)
- b) Discuss the macroscopic pathology of herniation involving the central nervous system. (10)
- c) Write short notes on the pathological changes and clinical features of congenital cytomegalovirus infection. (6)
- [25]