



Cert Clin Haematology(SA) Phys

## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

Examination For the Subspeciality in Clinical Haematology of the  
College of Physicians of South Africa

29 July 2016



1 Paper only

(3 hours)

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

---

### **Please answer Question 1a, b and c in separate books**

- 1 a) Briefly discuss the various principles of clot detection by automated coagulation analysers. Include in your discussion the conditions that may lead to technical interference leading to a result not being reported. (10)
- b) Summarise the changes in the 2016 revision of the World Health Organisation (WHO) classification of lymphoid neoplasms, compared to the 2008 WHO classification. (10)
- c) Concisely discuss Castleman's disease in a HIV positive, HHV8 positive patient. (5)  
[25]
  
- 2 a) Discuss the aetiology, clinical features and microscopic pathology of pregnancy associated haematological conditions. (15)
- b) Discuss the haematological manifestations of chronic renal failure. (10)  
[25]
  
- 3 Write an essay on the diagnostic features, prognostic systems and the modern treatment options in patients with mantle cell lymphoma. [25]
  
- 4 Discuss an approach to a 56-year-old patient presenting with symptomatic anaemia and marked red cell agglutination on the peripheral smear. [25]