



Cert Clin Haematology(SA) Paed

THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

Examination for the Subspecialty Certificate in Clinical Haematology of the
College of Paediatricians of South Africa

19 March 2015

Paper 1

(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 Discuss sickle cell anaemia in children with regard to
 - a) Risk factors and management of stroke. (7)
 - b) Immunisation and preventive care. (12)
 - c) Diagnosis and management of acute chest syndrome. (6)[25]
- 2 Discuss prophylaxis in Haemophilia. [25]
- 3
 - a) Discuss the haematological complications of paediatric rheumatoid arthritis. (10)
 - b) Describe the causes of anaemia in the newborn. (15)[25]
- 4 Discuss the approach to neutropenia in haematological malignancies and the management thereof. [25]



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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).

Write short notes on the following

- 1 The risk factors for graft-versus-host disease (GvHD). [10]
- 2 Recommended special investigations for diagnosis and follow up of chronic myeloid leukaemia. [10]
- 3 The occurrence and the pathogenesis of solid tumours of childhood in Fanconi anaemia. [10]
- 4 Management of cyclic neutropenia in children. [10]
- 5 The international guidelines for splenectomy for immune thrombocytopenia in children. [10]
- 6 Intra-theal chemotherapy administration - Describe the complications and protocol for administration. [10]
- 7 Acute and chronic complications of rituximab administration. [10]
- 8 The hospital administration notes that a significant expense in your unit is blood transfusions. Describe steps you would take to address this. [10]
- 9 Guidelines for anti-coagulation in paediatric thrombosis. [10]
- 10 Discuss ethical considerations in the management of an 8-year-old male with stage 3 Hodgkin lymphoma whose parents refuse chemotherapy. [10]