



THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

Examination for the Subspecialty Certificate in Rheumatology of the
College of Paediatricians of South Africa

21 February 2019

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 Biological therapy is increasingly being used in children with JIA. Describe this form of treatment under the following heading
 - a) Different classes of biologics for JIA. (5)
 - b) How to pick a biological for a child with JIA. (5)
 - c) TB risks, screening for TB at initiation and during therapy. (5)
 - d) Possible other complications. (3)
 - e) When and how to stop biological therapy. (3)
 - f) Switching therapy in instances of poor response. (4)[25]

- 2 Although rare, scleroderma is a well described rheumatological condition of childhood. Give an overview of the different types of scleroderma, then pick one and write a detailed description of its presentation, diagnosis, management and outcomes. [25]

- 3 Discuss antiphospholipid syndrome in children with regard to the clinical presentation, pathogenesis, investigation, diagnosis and management. [25]

- 4 The most common subtype of Ehlers- Danlos Syndrome is the hypermobility type. Discuss the clinical manifestations, the revised diagnostic criteria, the differential diagnosis, investigation and management of this subtype. [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)

- 1 Briefly discuss the role of imaging in the diagnosis of childhood vasculitis. [10]
- 2 Discuss the association of vitamin D and juvenile idiopathic arthritis. [10]
- 3 Describe the classification criteria of Periodic fever with aphthous stomatitis, pharyngitis and adenitis and discuss the validity of this classification. [10]
- 4 Briefly describe the mechanism of action, indication and adverse effects of bisphosphonates in paediatric rheumatology. [10]
- 5 Write short notes on the evidence for the efficacy and safety of vaccinations in children with rheumatological conditions. [10]
- 6 "Exercise is medicine for JIA". Comment on this statement including reasons why children should exercise and how it improves arthritis. [10]
- 7 List the different classes of nephritis in childhood lupus. Include a brief comment on each one about treatments and prognosis. [10]
- 8 Describe the presentation, natural history, treatment and outcome of uncomplicated Henoch Schonlein Purpura (HSP). [10]
- 9 What are presenting and clinical features that would make you suspect that a child has Macrophage activation syndrome? Which blood tests would you order to confirm your suspicion? [10]
- 10 List the presenting and clinical features, common pathogens and treatment of infectious myositis in childhood. [10]