



Cert Rheumatology(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 Rheumatology of the  
College of Paediatricians of South Africa

19 March 2014

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)*

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- 1
- a) Describe the underlying pathology briefly and the distinguishing laboratory and clinical features of Acute Rheumatic Fever (ARF) in the differential diagnosis of JIA. (10)
  - b) List laboratory and clinical features to differentiate post streptococcal reactive arthritis from the arthritis of ARF. (5)
  - c) Discuss the hypothesis of “antigenic mimicry” in the context of the above 2 conditions. (5)
  - d) Briefly discuss the spectrum of non tuberculous granulomatous inflammatory conditions of childhood. (5)
- [25]
- 2
- Briefly discuss the following
- a) The clinical presentation, the diagnostic criteria and the investigation of Takayasu Arteritis in children and adolescents. (15)
  - b) The management of Raynaud’s phenomenon. (10)
- [25]
- 3
- Write short notes on Mixed Connective Tissue Disease with special reference to
- a) Diagnosis. (5)
  - b) Clinical Manifestations. (10)
  - c) Disease Monitoring. (10)
- [25]
- 4
- a) Discuss the relationship between vitamin D and auto-immunity with special reference to Systemic Lupus Erythematosus (SLE). (10)
  - b) Discuss the current treatment of any three of following types of juvenile idiopathic arthritis (JIA)
    - i) Polyarticular JIA, rheumatoid factor negative.
    - ii) Oligoarticular JIA.
    - iii) Enthesitis-related JIA
    - iv) Psoriatic JIA. (15)
- [25]