



## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

### Final Examination for the Fellowship of the College of Urologists of South Africa

27 July 2017

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 Wilms tumor (nephroblastoma) under the following headings
  - a) Pathology and genes that play a role in the development of Wilms tumor. (25)
  - b) Staging of Wilms tumors according to the Children's Oncology Group. (25)
  - c) The role of pre-operative chemotherapy according to the Children's Oncology Group's recommendations. (25)[75]
  
- 2 Discuss the following
  - a) Give a classification of disorders of sexual differentiation (DSD). (15)
  - b) Write short notes about
    - i) Klinefelter syndrome and its variants. (20)
    - ii) Turner syndrome. (20)
    - iii) Mixed gonadal dysgenesis. (20)[75]
  
- 3 Discuss androgen deficiency under the following headings
  - a) Aetiology. (25)
  - b) Clinical presentation and investigation. (25)
  - c) Treatment, monitoring while on treatment and complications of treatment. (25)[75]
  
- 4 Regarding urogenital tuberculosis, write short notes on the following
  - a) Pathogenesis. (10)
  - b) Diagnosis. (20)
  - c) Pathological manifestations. (45)[75]



## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

### Final Examination for the Fellowship of the College of Urologists of South Africa

28 July 2017

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 Discuss the following
  - a) Imaging options in a female with clinical urethral diverticulum. (25)
  - b) Discuss complications of midurethral sling surgery. (25)
  - c) Management options of a 3 cm lower pole stone. (25)[75]
  
- 2 Discuss under the headings, diagnostic work up, classification and treatment options of the following
  - a) Azoospermia. (35)
  - b) A suspected urethral stricture post pelvic fracture. (40)[75]
  
- 3 Write short notes on
  - a) Renal Oncocytoma. (25)
  - b) Angiomyolipoma. (25)
  - c) The role of systemic therapies in muscle invasive urothelial cell bladder cancer. (25)[75]
  
- 4 Write short notes on
  - a) Embryology of the ureterocoele. (15)
  - b) Urinary biomarkers in diagnosis and follow-up of Urothelial cell Bladder cancer. (25)
  - c) Discuss imaging strategies in monitoring of castrate resistant prostate cancer. (35)[75]