



## 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

26 July 2018

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)*

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- 1 Discuss Renovascular Hypertension making special mention of
  - a) Etiology and pathophysiology. (25)
  - b) Classification of at-risk patients and evaluation. (25)
  - c) Management of patient. (25)[75]
  
- 2 Regarding erectile dysfunction
  - a) Classify the causes of erectile dysfunction. (10)
  - b) Write short notes on cardiac risk stratification in patients with erectile dysfunction. (20)
  - c) Describe, with the help of a diagram, the mechanism of action of phosphodiesterase-5 inhibitors. (20)
  - d) Discuss management options of post-radical prostatectomy erectile dysfunction. (25)[75]
  
- 3 Discuss the role of lymphadenectomy in the following urological cancers
  - a) Prostate cancer (25)
  - b) Transitional cell cancer of the Bladder (25)
  - c) Renal cell cancer (25)[75]



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Paper 2

(3 hours)

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- 1 Discuss your approach to a 9-year-old boy with
  - a) Bedwetting. (30)
  - b) Priapism. (30)
  - c) Traumatic urethraggia. (15)[75]
  
- 2 Briefly discuss the following
  - a) The pathophysiology of cystinuria. (25)
  - b) Discuss the different types of renal tubular acidosis and the diagnostic workup. (25)
  - c) Discuss the contra-indication to performing a percutaneous nephrolithotomy (PCNL). (25)[75]
  
- 3 Discuss ATN (acute tubular necrosis) under the following headings
  - a) Etiology. (25)
  - b) Natural history (3 phases). (10)
  - c) Prevention. (15)
  - d) Management including indications for dialysis. (25)[75]