



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

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 Write short notes on the following:
 - a) Male contraception. (25)
 - b) Sperm retrieval techniques for assisted reproduction. (25)
 - c) Peripheral blood testosterone peaks during human development/lifecycle of the human male (from foetus to geriatric) – use a labelled graph. (25)
 - d) The hypothalamus-pituitary-testis axis. (25)[100]

- 2 Discuss the following aspects or retro-peritoneal lymph node dissection (RPLND) in the management of testicular cancer:
 - a) Indications. (40)
 - b) Surgical templates. (40)
 - c) Complications. (20)[100]

- 3
 - a) Discuss the clinical presentation of different types of epispadias. (15)
 - b) Discuss the management of epispadias. (30)
 - c) Discuss the embryology of the testis, epididymis and vas deferens. (25)
 - d) Discuss the management of Peyronie's disease. (30)[100]



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Paper 2

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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 a) Discuss the clinical characteristics of Von-Hippel Lindau. (30)
b) Discuss haemodynamic changes in urinary tract obstruction under the following headings: glomerular filtration rate and renal blood flow, renal vascular resistance, unilateral ureteral obstruction, bilateral ureteral obstruction and partial ureteral obstruction. (70)
[100]
- 2 a) Discuss anticholinergic burden and the specific considerations in urology. (20)
b) Discuss the surgical management of bladder diverticulae. (40)
c) List the surgical steps of a retropubic prostatectomy for benign prostatic hyperplasia. (40)
[100]
- 3 a) Write short notes on the concept of the human microbiome in urology. (25)
b) Write short notes on the role of antibiotic prophylaxis in endo-urological procedures. (25)
c) Write short notes on the vaccination of males against human papilloma virus. (25)
d) Describe a practical approach to the diagnosis of Schistosomiasis with regard to urological examination and further investigation. (25)
[100]