

National Board of Examinations

Question Paper Name : DrNB Urology Paper1
Subject Name : DrNB Urology Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740854 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

- a) Embryology of testicular descent. [4]
b) Outline hypothalamic-pituitary-gonadal axis in male. [2]
c) Patho-physiology of spermatogenesis. [4]

Question Number : 2 Question Id : 32718740855 Consider As Subjective : Yes

Embryology and management of retrocaval ureter. [5+5]

Question Number : 3 Question Id : 32718740856 Consider As Subjective : Yes

- a) Anatomy and physiology of external urethral sphincter. [3+2]
- b) Detrusor sphincter dyssynergia – types and management. [2+3]

Question Number : 4 Question Id : 32718740857 Consider As Subjective : Yes

Artificial intelligence in urology – current status and future perspectives. [6+4]

Question Number : 5 Question Id : 32718740858 Consider As Subjective : Yes

- a) Describe defects (components) in a case of hypospadias with respect to surgical considerations. [5]
- b) Discuss use of inner preputial island flap in hypospadias repair. [5]

Question Number : 6 Question Id : 32718740859 Consider As Subjective : Yes

- a) Describe detrusor leak point pressure (DLPP) and abdominal leak point pressure (ALPP) and their significance. [2.5+2.5]
- b) Postvoid residual urine assessment and its clinical significance. [2.5+2.5]

Question Number : 7 Question Id : 32718740860 Consider As Subjective : Yes

- a) Urinary microbiome. [5]
- b) Non-antibiotic agents in prevention of urinary tract infections. [5]

Question Number : 8 Question Id : 32718740861 Consider As Subjective : Yes

Etiopathogenesis, evaluation and management of retroperitoneal fibrosis. [3+2+5]

Question Number : 9 Question Id : 32718740862 Consider As Subjective : Yes

For 1-2 cm lower pole calculus - discuss management options with respect to anatomical considerations. [10]

Question Number : 10 Question Id : 32718740863 Consider As Subjective : Yes

- a) Urinary crystals and their clinical significance. [3+2]
- b) Discuss mechanism of kidney stone formation. [5]