

निजामती कर्मचारी अस्पताल  
प्राविधिक सेवा, सर्जरी समूह, युरोलोजी उपसमूह, सिनियर रजिष्ट्रार पद, नवौं तहको परीक्षाको पाठ्यक्रम  
(करार तर्फ)

पुर्णाङ्क: १००  
उत्तीर्णाङ्क: ४०

समय: ४५ मिनेट  
बस्तुगत प्रश्नपत्र अंकभार २५०

1. Embryology and surgical anatomy of retroperitoneum
  - 1.1 Kidney
  - 1.2 Uterus
  - 1.3 Adrenal gland
  - 1.4 Other retroperitoneal structures
2. Embryology and surgical anatomy of lower urinary tract with congenital anomalies
3. Development of testes and congenital defects
4. Congenital defects in urology with special reference to hypospadias, epispadias.
5. Symptoms and signs of disorders of genito urinary tract
6. Urological laboratory investigations
7. Radiological investigation of urinary tract and retroperitoneal structures
8. Renal physiology and pathophysiology of
  - 8.1 Reno vascular hypertension
  - 8.2 Ischemic nephropathy
  - 8.3 Obstructive uropathy
  - 8.4 Acute and chronic renal failures
9. Basic principles of immunology in urology and renal transplantation
10. Pathophysiology and management of urinary tract obstruction: obstructive uropathy including benign prostatic hyperplasia and prostatic cancer
11. Genito urinary trauma and the basic principles and management
  - 11.1 Renal trauma
  - 11.2 Ureteric trauma
  - 11.3 Bladder trauma
  - 11.4 Urethral trauma
  - 11.5 Penile trauma
  - 11.6 Scrotal trauma
12. Infection and Inflammation of urinary tract
13. Voiding functions and dysfunction
14. Physiology and pharmacology in urinary bladder and urethra
15. Neurourological evaluation
16. Neuromuscular dysfunction of lower urinary tract
17. Reproductive function and dysfunction
18. Concept of endourology
19. Concept of common urological problem and their approaches in:
  - 19.1 Hematuria
  - 19.2 Obstructive uropathy

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- 19.3 Retention of urine
20. Urolithiasis and modern trend in their management.
21. Neoplasm of genito urinary system especially.
  - 21.1 Renal cell carcinoma (RCC)
  - 21.2 Transitional cell carcinoma (TCC)
  - 21.3 Cancer Penis
  - 21.4 Testicular tumors
  - 21.5 Adrenal tumors
22. Concept of urinary diversions
23. Radiotherapy and chemotherapy in urology
24. Disorders of testes, scrotum, spermatic cord and external genitalia
25. Male Infertility and Erectile dysfunction

