

निजामती कर्मचारी अस्पताल
प्राविधिक सेवा, मेडिसिन समूह, नेफ्रोलोजी उपसमूह सिनियर रजिष्ट्रार पद, नवौं (९) तहको लिखित
परीक्षाको पाठ्यक्रम (करार तर्फ)

पूर्णाङ्क: १००

समय: ४५ मिनेट

उत्तीर्णाङ्क: ४०

बस्तुगत प्रश्नपत्र अंकभार २X५०

1. General

- 1.1 Anatomy of the kidney and urinary tract
- 1.2 Physiology of the kidney and urinary tract
- 1.3 Immunological basis of kidney damage
- 1.4 Path physiology of Haematuria
- 1.5 Path physiology of proteinuria
- 1.6 Physiology of fluid and electrolytes balance
- 1.7 Physiology of acid and base balance
- 1.8 Investigations related to kidney diseases

2. Glomerular Diseases

- 2.1 Glomerulonephritis
 - 2.1.1 Primary
 - 2.1.2 Postinfectious GN (Poststreptococcal GN)
 - 2.1.3 Systemic disease causing glomerulonephritis
 - 2.1.3.1 SLE
 - 2.1.3.2 Infective Endocarditis
 - 2.1.3.3 Good pastur syndrome

3. Systemic diseases affecting glomerulous

- 3.1 Diabetes mellitus
- 3.2 Hypertension

4. Functional defect and the diseases of the renal tubules and urinary tract

- 4.1 Urinary tract infection
- 4.2 Acute tract infection
- 4.3 Renal tuberculosis
- 4.4 Renal tubular acidosis

5. Obstruction of the urinary tract

- 5.1 Calculous disease of the kidney and urinary tract
- 5.2 Carcinoma of urinary bladder
- 5.3 Enlarged prostate
- 5.4 Urethral Structure

6. Drug induced renal disease

- 6.1 Analgesics nephropathy

7. Malignant disease of the kidney

- 7.1 Hypernephroma

8. Failure of the renal function

- 8.1 Acute renal failure
- 8.2 Chronic renal failure.

9. Metabolism

- 9.1 Calcium and phosphorus metabolism

10. Renal replacement therapy

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- 10.1 Diseases
 - 10.1.1 Peritoneal
 - 10.1.1.1 Intermittent peritoneal dialysis
 - 10.1.1.2 Chronic ambulatory peritoneal dialysis
- 10.2 Haemodialysis
- 10.3 Vascular access for haemodialysis
- 10.4 Basic Concept on Renal transplantation
- 11. Congenital diseases of the kidney
 - 11.1 Adult polycystic kidney disease
- 12. Renal vascular disease causing hypertension
 - 12.1 Renal artery stenosis
- 13. Acid base balance
 - 13.1 Acidosis
 - 13.1.1 Respiratory
 - 13.1.2 Metabolic
 - 13.2 Alkalosis
 - 13.2.1 Respiratory
 - 13.2.2 Metabolic
- 14. Electrolyte imbalance
 - 14.1 Sodium
 - 14.1.1 Hyponatracmia
 - 14.1.2 Hypernatracmia
 - 14.2 Potassium
 - 14.2.1 Hypokalaemia
 - 14.2.2 Hyperkalaemia
- 15. Prescribing drugs in renal failure
- 16. Diet in renal diseases

