

D.M. DEGREE EXAMINATION, MARCH 1990.**(Higher Specialities)****Branch III — Nephrology****NEPHROLOGICAL INVESTIGATIONS RECENT ADVANCES**

Time : Three hours.

Answer ALL the questions.

1. Discuss the role of monoclonal antibodies in renal transplantation.
2. Write notes on :
 - (a) Cystinosis.
 - (b) Irradiation nephropathy.
3. Discuss transplantation in a sensitized individual.
4. Discuss briefly :
 - (a) Role of single dose therapy in U.T.I.
 - (b) Slow continuous hemodialysis.
5. Describe the pathogenesis and renal changes in obstructive uropathy.

March-1991

D.M. DEGREE EXAMINATION, MARCH 1991.

(Higher Specialities)

Branch III — Nephrology

Paper III — NEPHROLOGICAL INVESTIGATIONS AND
RECENT ADVANCES

Time : Three hours.

Answer ALL the questions.

1. Discuss the diagnostic techniques and the efficacy and side effects of various agents for treatment and prevention of cytomegalovirus infection in renal allograft recipients.
 2. Discuss the current concepts of etiology and pathophysiology of pyelonephritis.
 3. Write short notes on :
 - (a) Sub-clavian vascular access.
 - (b) Interleukin 6.
 - (c) Anti-cardiolipin antibody.
 - (d) HbsAg induced glomerulopathies.
 - (e) Non-invasive methods for diagnosis of renal amyloidosis.
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September-1990

D.M. DEGREE EXAMINATION, SEPTEMBER 1990.

(Higher Specialities)

Branch III — Nephrology

Paper III — NEPHROLOGICAL INVESTIGATIONS
AND RECENT ADVANCES

Time : Three hours.

Answer ALL the questions.

1. Discuss the role of FNAC in post transplant cases.
 2. Discuss DST in live related transplants.
 3. Discuss non-invasive diagnostic tests in renal diseases.
 4. Discuss briefly :
 - (a) Cystic disease of kidneys in children.
 - (b) Pathogenesis of HUS.
 5. Write brief notes on :
 - (a) P. fimbriac.
 - (b) Atrial natriuretic peptide.
 - (c) Amyloidosis in patients on dialysis.
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February-1992

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D.M. DEGREE, EXAMINATION, FEBRUARY 1992.

Branch III — Nephrology

NEPHROLOGICAL INVESTIGATIONS AND RECENT
ADVANCES

Time : Three hours.

Maximum : 100 marks.

1. Discuss progression of Renal Disease. (25)
2. How will you approach the problem of post transplant hypertension. (25)
3. Write short notes on :
 - (a) Anti-neutrophil cytoplasmic antibodies (ANCA) and the Kidney.
 - (b) Transplant in a sensitized patient.
 - (c) Immunology of IgA Nephropathy.
 - (d) Evaluation of Polyuric disorders.
 - (e) Water pre-treatment for haemodialysis. (5×10=50)

D.M. DEGREE EXAMINATION, MARCH, 1993

Branch III - NEPHROLOGY

NEPHROLOGICAL INVESTIGATIONS AND RECENT ADVANCES

Time: Three hours

Maximum: 100 Marks

1. Discuss in detail the etiopathogenesis and management of immunotactoid or fibrillary glomerular nephropathies? (25)
2. Discuss the long term complications of conventional immuno suppressive treatment? (25)
3. Write short notes on:
 - a. FK - 506
 - b. Potassium channel openers.
 - c. Acquired cystic kidney disease.
 - d. Newer contrast media in imaging kidneys.
 - e. Continuous arterio venous hemodialysis.

(5x10=50)

November-1994

1091

D.M. DEGREE EXAMINATION.

(Higher Specialities)

Branch III – Nephrology

(Old/New Regulations)

**Paper III – NEPHROLOGICAL INVESTIGATIONS
AND RECENT ADVANCES**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Discuss diagnostic interpretations, course and management of a young boy with hematuria whose renal biopsy shows mesangial cell proliferation. (25)

Describe etiology, clinical features, laboratory picture and management of a case of hypokalemic nephropathy. (25)

Discuss briefly : (5 × 10 = 50)

- (a) Mechanism of hyperlipidemia in nephrotic syndrome.
- (b) Diabetes–Hypertension relationships.
- (c) Dietary treatment of chronic renal failure.
- (d) Plant Nephrotoxins.
- (e) Metabolic effects of Cyclosporin.

D.M. DEGREE EXAMINATION**(Higher Specialities)****Branch III - Nephrology****(Revised Regulations)****Paper III - RECENT ADVANCES****Time: Three hours****Max. marks: 100****Answer All Questions**

1. Discuss pharmacology and role of biological immunosuppression in renal transplantation. (25)
2. Discuss pathophysiology of obstructive uropathy. (25)
3. Write short notes on:
 - (a) Treatment of post transplant hypertension
 - (b) Genetic nephrolithiasis
 - (c) Chloride channel
 - (d) C5b-9 Membrane attack complex
 - (e) Microchimerism after renal transplantation. (5x10=50)

April-1996
(Higher Specialities)

Branch III - Nephrology
(Old/New Regulations)

Paper III - NEPHROLOGICAL INVESTIGATIONS
AND RECENT ADVANCES.

Three hours

Max.marks:100

Answer ALL questions.

Discuss the pathogenesis, and histology of bone
in Renal Osteodystrophy. Describe its
management. (25)

Discuss the methods used for assessing the
adequacy of dialysis in chronic Renal failure(25)

Write short notes on:

- a. Renal Tuberculosis
- b. Gastrointestinal complications following
Renal transplantation
- c. Continuous Arteriovenous Hemodialysis
- d. Indications for plasma exchange in renal
disease.
- e. Surgery in the treatment of Autosomal
dominant polycystic Kidney disease.

(5 x 10=50)

April-1997

MP 14

D.M. DEGREE EXAMINATION
(Higher Specialities)
Branch III - Nephrology
(Revised Regulations)
Paper III - RECENT ADVANCES

Time: Three hours

Max.marks:100

Answer All Questions.

All questions carry equal marks.

Discuss briefly:

1. Xenotransplantation
2. Current concept of pathogenesis of chronic transplant rejection.
3. Deoxyspergualine
4. Antisense inhibition of hypertension
5. Angiotensin receptors
6. Current status of markers of glomerular disease.
7. Drugs in the treatment of renal stone disease
8. Antiplatelet therapy in graft thrombosis
9. Current concept of pathogenesis and prevention of dialysis disequilibrium syndrome
10. HIV regulatory proteins.

April-1997

MB 109 D.M. DEGREE EXAMINATION

(Higher Specialities)

(Old/New Regulations)

Branch III - NEPHROLOGY

Paper III - NEPHROLOGICAL INVESTIGATIONS
AND RECENT ADVANCES

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the pathogenesis, clinical presentation, pathology and prognosis of idiopathic focal segmental glomerulosclerosis. Describe its management. (25)
2. Discuss in detail the Banff classification of histologic lesions in the renal allograft. (25)
3. Write short notes on:
 - (a) Acquired cystic kidney disease
 - (b) Peritoneal equilibration test
 - (c) Growth in children with chronic renal failure
 - (d) Percutaneous transluminal renal angioplasty
 - (e) Renal involvement in polyarteritis nodosa.

(5x10=50)

D.M. DEGREE EXAMINATION:
(Higher Specialities)
Branch III - Nephrology
(Revised Regulations)
Paper III - RECENT ADVANCES

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the inheritance, clinical features, renal histology and management of Alport's syndrome. (25)
2. Discuss the pathogenesis, pathology and management of acute renal failure following snake bite. (25)
3. Write briefly on:
 - (a) Lupus anticoagulant
 - (b) Significance of bacterial colony counts in urinary tract infections.
 - (c) Management of the highly sensitized renal transplant recipient
 - (d) Renal involvement in primary gout
 - (e) Emphysematous pyelonephritis.

(5x10=50)

October-1999

[KA 011]

Sub. Code : 1203

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Nephrology

(Revised Regulations)

Paper III — RECENT ADVANCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the problems encountered and their management in a paediatric patient with chronic renal failure. (25)
2. Discuss treatment strategies and prognostic factors in idiopathic membranous nephropathy. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Reprocessing hemodialysers
 - (b) Scleroderma and the kidney
 - (c) Renal involvement in Hepatitis C
 - (d) ACE gene polymorphism
 - (e) Daclizumab.

April-2000

[KB 011]

Sub. Code : 1203

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Nephrology

(Revised Regulations)

Paper III — RECENT ADVANCES

Time : Three hours

Maximum 100 marks

Answer ALL questions.

1. Describe the causes, investigations and management of post renal transplant hypertension. (25)
2. Describe the causes, clinical manifestations, lab investigations and management of acute drug induced interstitial nephritis. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) New generation tests for diagnosis of cytomegalovirus infection in transplant recipients.
 - (b) Nutritional management of patients with chronic renal failure.
 - (c) Atherosclerosis in chronic renal failure.
 - (d) Treatment of steroid resistant acute allograft rejection.
 - (e) Dialyser reuse.