

November-1993

[PR 318]

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch IX — Rheumatology

(New Regulations)

**Paper III — RECENT ADVANCES IN RHEUMATOLOGY
AND IMMUNOLOGY**

Time : Three hours. Maximum : 100 marks.

1. Discuss the role of HLA B27 and micro-organisms in the pathogenesis of spondyloarthropathies. (30)
 2. Describe briefly :
 - (a) Recent concepts of the etiopathogenesis of SLE. (10)
 - (b) Recent advances in inflammatory myositis based upon myositis specific auto-antibodies. (10)
 3. Write short notes on :
 - (a) C4-null allele.
 - (b) Role of monoclonal antibodies as therapeutic agents in rheumatological/immunological diseases.
 - (c) Intracellular adhesion molecules.
 - (d) Anti-neutrophil cytoplasmic antibodies (ANCA).
 - (e) Intercellular adhesion molecules. (5×10=50)
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April-1995

[SB 118]

D.M. DEGREE EXAMINATION.

(New Regulations)

(Higher Specialities)

Branch IX — Rheumatology

Paper III — RECENT ADVANCES IN RHEUMATOLOGY
AND IMMUNOLOGY

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Discuss the rheumatological manifestations of HIV infection and their possible etiopathogenesis. (30)
 2. Describe briefly :
 - (a) Recent concepts in the classification of anti-rheumatic therapy. (10)
 - (b) Recent advances in the validation of the methods of assessing "improvement" in RA. (10)
 3. Write short notes on :
 - (a) Myositis-specific autoantibodies (MSA).
 - (b) Lupus anticoagulants.
 - (c) Intravenous immunoglobulin therapy in rheumatic diseases.
 - (d) Monoclonal antibodies as therapeutic agents.
 - (e) Intracellular adhesion molecules.
- (5 × 10 = 50)
-

November-1995

MB 118

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch IX - Rheumatology

(New Regulations)

Paper III - RECENT ADVANCES IN RHEUMATOLOGY
AND IMMUNOLOGY

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss the classification and diagnostic criteria for polymyositis and dermatomyositis.
(30)
2. Describe briefly:
 - (a) Late onset rheumatoid arthritis (10)
 - (b) Interferon therapy in rheumatic diseases (10)
3. Write short notes on:
 - (a) Cytokines and their clinical application
 - (b) Psoriatic Arthropathy
 - (c) Prognostic markers of early rheumatoid arthritis
 - (d) Newer imaging modalities in rheumatology
 - (e) Total hip replacement

(5x10=50)

April-1996

AK 33 **D.M. DEGREE EXAMINATION**
(Higher Specialities)
Branch IX - Rheumatology
(New Regulations)

**Paper III - RECENT ADVANCES IN RHEUMATOLOGY AND
IMMUNOLOGY**

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss the recent advances in immunopathogenesis of rheumatoid arthritis. (30)
2. Describe briefly:
 - (a) Primary antiphospholipid antibody syndrome (10)
 - (b) Prevention of non-steroidal anti inflammatory drug effects in the G.I. tract. (10)
3. Write short notes on:
 - (a) Immunological aberration of primary Sjogren's syndrome
 - (b) Heat shock proteins and autoimmunity
 - (c) Polymerase chain reaction
 - (d) Diagnostic criteria of ankylosing spondylitis
 - (e) Modification of collagen induced arthritis by antibodies and drugs that effect T cells. (5x10=50)

April-1997

MP 27

D.M. DEGREE EXAMINATION
(Higher Specialities)
Branch IX - Rheumatology
(Revised Regulations)

Paper IV - RECENT ADVANCES IN RHEUMATOLOGY
AND IMMUNOLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the laboratory investigations of inflammation with emphasis on newer modalities. (25)
2. Discuss the role of viruses in arthritis. (25)
3. Write briefly on:
 - (a) Radionuclide bone scan
 - (b) Poncet's disease
 - (c) Eosinophilic myalgia
 - (d) Role of male hormones in inflammation
 - e) Polymerase chain reaction. (5x10=50)

April-1998

SV 27

D.M. DEGREE EXAMINATION
(Higher Specialities)
Branch IX - Rheumatology
(Revised Regulations)
Paper IV - RECENT ADVANCES IN RHEUMATOLOGY
AND IMMUNOLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the biology of collagen in health and disease. (25)
2. Discuss the renal involvement in rheumatological diseases. (25)
3. Write briefly on:
 - (a) HLA-B 27 and spondylo-arthritis
 - (b) Pachydermoperiostitis
 - (c) Eosinophilic fasciitis
 - (d) Arthritis mutilans
 - (e) Prospects of gene therapy in rheumatological diseases. (5x10=50)

April-2000

[KB 024]

Sub. Code : 1354

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch IX — Rheumatology

(Revised Regulations)

**Paper IV — RECENT ADVANCES IN
RHEUMATOLOGY AND IMMUNOLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss Autoimmune Coagulation Disorders. (25)
2. Discuss vasculitis Associated Connective Tissue Disorders. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Polymerase Chain Reaction in Infection and Post Infectious Arthritis
 - (b) Biologic Agents and Immunotherapy in Rheumatoid Arthritis
 - (c) Molecular Biology of Autoantigens in Rheumatic Diseases
 - (d) Cerebrovascular complications of Rheumatic Diseases
 - (e) Treatment of Refractory Osteoarthritis.