

[KM 244]

Sub. Code : 2113

M.D. DEGREE EXAMINATION.

(Revised Regulation)

Branch XII A — Dermatology, Venereology and Leprosy

Part II

Paper III — RECENT ADVANCES IN
DERMATOLOGY, VENEREOLOGY AND LEPROSY

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Discuss the recent concepts in the etiopathogenesis of scleroderma? Describe the pseudo sclerodermas?

(2) Discuss the differential diagnosis of panniculitis. Outline their management.

II. Short notes : (10 × 5 = 50)

- (a) Leprosy vaccines of recent origin.
- (b) Dermatology intensive care unit.
- (c) Late onset acne.
- (d) Botox.
- (e) Orodynia.
- (f) Anti phospholipid syndrome.
- (g) Acute HIV illness.
- (h) Betzorotene
- (i) Black dermographism.
- (j) Anagen effluvium.

[KO 244]

Sub. Code : 2113

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XII (A) — Dermatology, Venereology and Leprosy

Part II

Paper III — RECENT ADVANCES IN DERMATOLOGY, VENEREOLOGY AND LEPROSY

Time : Three hours **Maximum : 100 marks**

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Multiple auto immune syndrome.

(2) Sign of Nikolskiy and related signs.

II. Short notes : (10 × 5 = 50)

(a) Folinic acid

(b) Foscarnet

(c) **Flucytosine**

(d) **Pyrimethamine**

(e) Pentamidine

(f) **Atovaquone**

(g) *Malassezia*

(h) Koebner phenomenon

(i) **Vaccines in leprosy**

(j) Greiter's disease.

[KP 309]

Sub. Code : 2113

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XII(A) – Dermatology, Venereology and Leprosy

Part II

Paper III — RECENT ADVANCES IN
DERMATOLOGY, VENEREOLOGY AND LEPROSY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Discuss acute skin failure. (20)

(2) Classify antiretroviral drugs, describe its side effects and discuss initiation of therapy in a patient with HIV infection. (15)

(3) Discuss the use of biologic therapy in psoriasis. (15)

II. Short notes :

(6 × 5 = 30)

(a) Immune reconstitution inflammatory syndrome

(b) Prurigo pigmentosa

(c) Nephrogenic fibrosing dermopathy

(d) Human papilloma virus vaccine

(e) Fusion inhibitors

(f) Intense pulsed light therapy.

[KQ 148]

Sub. Code : 2113

M.D. DEGREE EXAMINATION.

Branch XII —(A) DERMATOLOGY, VENEREOLOGY
AND LEPROSY

Common to

(For candidates admitted from 1988–89 onwards
Part II — Paper III — Revised regulations)

and

(Paper IV For Candidates from 2004 – 05 onwards)

RECENT ADVANCES IN DERMATOLOGY
VENEREOLOGY AND LEPROSY

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay :

1. 25 years old married woman presents with fever, ulcers and history of repeated abortions. Discuss how you will proceed to investigate and manage her. (20)

2. Discuss the recent concepts in the etiopathogenesis of scleroderma? Describe the pseudosclerodermas. (15)

3. Describe in detail about the mangement of asymptomatic HIV positive person. (15)

II. Short notes : (6 × 5 = 30)

- (a) Protease inhibitors
 - (b) Anagen effluvium.
 - (c) Intense pulsed light therapy.
 - (d) Lepra reaction
 - (e) Describe the cutaneous manifestations of renal disease.
 - (f) Dermatitis artefacta.
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[KR 158]

Sub. Code : 2054

M.D. DEGREE EXAMINATION.

Branch XII A — Dermatology, Venereology and Leprosy

(Candidates admitted from 2004-05 onwards)

**Paper IV — RECENT ADVANCES IN
DERMATOLOGY VENEREOLOGY AND LEPROSY**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

I. Essay :

1. Classify antiretroviral drugs. Mention the dosage and side effects. Discuss management of Tuberculosis – HIV Co-infection. (20)

2. Classify Alopecia. Discuss etiology and management of Alopecia areata. (15)

3. Classify Retinoids. Discuss briefly its indications in dermatology. (15)

II. Write short notes on :

(6 × 5 = 30)

(a) Long pulsed Nd : YAG laser.

(b) Prevention of Parent to Child Transmission of HIV [PPTCT].

(c) Onychocryptosis.

(d) Post herpetic Neuralgia.

(e) Imiquimod.

(f) Eflornithine hydrochloride.

March 2009

M.D. DEGREE EXAMINATION

[KU 185]

Sub. Code: 2079

Branch XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

Part II – Paper III – (Candidates admitted upto 2003-2004) and

Paper IV – (For Candidates admitted from 2004-2005 to 2007-2008)

Paper IV - RECENT ADVANCES IN DERMATOLOGY

VENEREOLOGY AND LEPROSY

Q.P. Code : 202079

Time : Three hours

Maximum : 100 marks

Write Section A and Section B Separately

SECTION – A (62 Marks)

DERMATOLOGY AND LEPROSY

I. Essay question: (1 x 20 = 20)

1. Discuss the role of cutaneous cytology in the diagnosis of skin diseases.

II. Write short notes on : (7 x 6 = 42)

1. Teledermatology.
2. Pigmented contact dermatitis.
3. Eflornithine.
4. Current treatment of onychomycosis.
5. Vaccines in leprosy
6. Drug resistance in leprosy.
7. Fluoroquinolones in leprosy.

SECTION – B (38 Marks)

VENEREOLOGY

I. Essay question: (1 x 20 = 20)

1. Discuss syndromic treatment of sexually transmitted diseases.

II. Write short notes on : (3 x 6 = 18)

1. Malignancies in AIDS.
2. HIV counseling.
3. Sex and cervical cancer.

MAY 2011

[KY 185]

Sub. Code: 2079

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

RECENT ADVANCES IN DERMATOLOGY

VENEREOLOGY AND LEPROSY

Q.P. Code : 202079

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

**Answer ALL questions in the same order.
Write Section A and Section B Separately.**

**SECTION – A
DERMATOLOGY AND LEPROSY**

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

1. Discuss recent advances in management of vitiligo.

11 35 15

II. Write notes on :

1. Atopic dermatitis as a skin barrier disease.
2. Stem cell therapy in dermatology.
3. Photodynamic therapy.
4. Lasers in hair removal.
5. Write a brief note on “Elimination of Leprosy”.
6. Briefly describe prevention of disabilities in leprosy.
7. DNA probes in leprosy resistance.

4	10	7
4	10	7
4	10	7
4	10	7
4	10	7
4	10	7
4	10	7

**SECTION – B
VENEREOLOGY**

I. Elaborate on :

1. Discuss risk factors for mother to child transmission of HIV and its prevention.

11 35 15

II. Write notes on :

1. Differential diagnosis of pruritic papular eruptions in HIV.
2. Microbicides in prevention of HIV infection.
3. Genital Mycoplasma infections.

4	10	7
4	10	7
4	10	7

APRIL 2012

[LA 2096]

Sub. Code: 2096

M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
RECENT ADVANCES
Q.P. Code : 202079

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.
Write Section A and Section B Separately.

SECTION – A
DERMATOLOGY AND LEPROSY

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss in detail various pulse therapies in dermatology.	16	35	15

II. Write notes on :

1. Write about different types of chemical peels.	4	10	7
2. Mention the uses of Mohs micrographic surgery in dermatological conditions.	4	10	7
3. Write a note on Cryo therapy in dermatology.	4	10	7
4. Describe the indications, side effects and limitations of Botulinum toxin.	4	10	7
5. Mention the Leprosy Vaccines.	4	10	7
6. Write a note on Immune therapy of viral warts.	4	10	7
7. Write about the scope of Psycho pharmaco therapy for skin disorders.	4	10	7

SECTION – B
VENEREOLOGY

I. Elaborate on :

1. Write the causes and management of erectile dysfunction in detail.	16	35	15
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II. Write notes on :

1. Discuss in detail the Syndromic management of acute scrotal swelling.	4	10	7
2. Enumerate the Opportunistic infections in HIV infection.	4	10	7
3. Explain in detail General paralysis of Insane.	4	10	7

[LB 2096]

OCTOBER 2012

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

RECENT ADVANCES

Q.P. Code: 202096

**Time: 3 hours
(180 Min)**

Maximum: 100 marks

Answer ALL questions in the same order.

Write Section A and Section B separately

SECTION – A

DERMATOLOGY AND LEPROSY

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Recent advances in the management of Chronic idiopathic urticaria	16	35	15

II. Write notes on:

1. Mechanism of action of Botox and its applications in dermatology.	4	10	7
2. What is Narrowband UVB? Discuss the various uses and advantages.	4	10	7
3. Discuss the mechanism of action of Bexarotene, its Indications and side effects.	4	10	7
4. What is Camouflage? Discuss its uses in dermatological practice.	4	10	7
5. Discuss the various types of vaccines that are used in leprosy.	4	10	7
6. Discuss the various newer anti leprosy drugs and their advantages.	4	10	7
7. Discuss the epidemiology of leprosy	4	10	7

SECTION – B

VENEREOLOGY

I. Elaborate on :

1. Discuss in detail the colour coded kits. STD syndromes, the flow charts merits and demerits of syndrome treatment of STD.	16	35	15
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II. Write notes on :

1. Human Papilloma virus Vaccine	4	10	7
2. Prophylaxis for the prevention of STD and HIV in an adult victim of sexual assault.	4	10	7
3. Non specific Urethritis	4	10	7

(LC 2096)

**APRIL 2013
M.D. DEGREE EXAMINATION**

Sub. Code: 2096

**BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
RECENT ADVANCES
Q.P. Code: 202096**

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on:

(1X15=15)

1. Classify LASERS. Discuss their uses in dermatology.

II. Write notes on:

(7X7=49)

1. Recent advances in the treatment of alopecia areata
2. Newer azole antifungals
3. Etanercept
4. HIV/AIDS and Leprosy
5. Reconstructive Surgery in Leprosy
6. Erythro Melalgia
7. Topical anaesthetics

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1X15=15)

1. Classify Antiretroviral drugs, their doses and toxicity. How to initiate and follow up the patients on ART?

II. Write notes on:

(3X7=21)

1. HIV vaccine
2. Discuss about Rapid specific vs rapid Nonspecific tests as screening test for syphilis
3. Epidemiological Dose in the treatment of STD

[LD 2096]

OCTOBER 2013

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

RECENT ADVANCES

Q.P. Code : 202096

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order

I. Elaborate on: (1 x 15 = 15)

1. Role of tattoo as a camouflage, complications of tattooing and tattoo removal methods.

II. Write notes on: (7 x 7 = 49)

1. Punch grafting.
2. FDA approved treatments in the management of Androgenetic Alopecia.
3. Electrocautery.
4. Different types of scales in dermatology.
5. Calcipotriol.
6. Desloratadine.
7. NBUVB.

SECTION – B

(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss in detail about HIV replication cycle and mechanism of action of Antiretroviral drugs on the replication cycle.

II. Write notes on: (3 x 7 = 21)

1. Lymphoid interstitial pneumonitis.
2. Immunotherapy of warts.
3. Erectile dysfunction.

(LE 2096)

APRIL 2014

Sub. Code:2096

**M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
RECENT ADVANCES**

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: **(1X15=15)**

1. Discuss about ingrown toe nail and various methods of management.

II. Write notes on: **(7X7=49)**

1. Sebaceous cyst
2. Management of leprosy and TB co-infection
3. CO2 laser
4. Rituximab
5. Cryotherapy
6. Mohs micrographic surgery
7. Management of keloids

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: **(1X15=15)**

1. Discuss in detail about current situation of AIDS in india and National AIDS control organization.

II. Write notes on: **(3X7=21)**

1. Management and prophylaxis of PCP pneumonia
2. Pre-exposure Prophylaxis
3. Treatment of Vulvovaginal Candidiasis due to Non Candida albicans species.

(LF 2096)

OCTOBER 2014

Sub. Code:2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV - RECENT ADVANCES

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on:

(1 x 15 = 15)

1. Use of biologics in the treatment of psoriasis.

II. Write notes on:

(7 x 7 = 49)

1. Treatment of acne scars.
2. Confocal microscopy.
3. Treatment of hyperhidrosis.
4. Photodynamic therapy.
5. Epigenetics.
6. Prenatal diagnosis.
7. Role of vaccines in leprosy.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Describe the laboratory diagnosis of syphilis.

II. Write notes on:

(3 x 7 = 21)

1. Maraviroc.
2. Fourth generation HIV test.
3. Basic strategies to control sexually transmitted infections.

[LG 2096]

APRIL 2015

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code : 202096

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

Answer ALL questions

I. Elaborate on: (1 x 15 = 15)

1. Describe the role of biologics in the management of pemphigus vulgaris.

II. Write notes on: (7 x 7 = 49)

1. Omalizumab in dermatology.
2. Management of trophic ulcers of the feet.
3. Management of hemangioma of infancy.
4. Cutaneous adverse drug reactions to epidermal growth factor receptor inhibitors.
5. Management of tuberous sclerosis.
6. Recent advances in the management of vitiligo.
7. Brivudine.

SECTION – B

(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Write an account of combination anti-retroviral therapy.

II. Write notes on: (3 x 7 = 21)

1. Epidemiological therapy of sexually transmitted infections.
2. Oncogenic human papillomavirus.
3. Molluscum contagiosum in HIV infected individuals.

(LH 2096)

OCTOBER 2015

Sub. Code:2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: **(1 x 15 = 15)**

1. Describe in detail about the types of electrosurgeries and their uses in dermatology.

II. Write notes on: **(7 x 7 = 49)**

1. Reconstructive surgery in Leprosy.
2. Biologicals in immunobullous disorders.
3. Direct and indirect immunofluorescence in dermatology.
4. Systemic corticosteroids.
5. Recent advances in the management of vitiligo.
6. Tattoo removal methods.
7. PUVA therapy.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Write in detail about HAART, their mechanism of action, dosage, side effects and resistance.

II. Write notes on: **(3 x 7 = 21)**

1. MUSE.
2. Vaccines for STIs.
3. Drug resistance in gonorrhoea.

(LI 2096)

APRIL 2016

Sub. Code:2096

**M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
PAPER IV – RECENT ADVANCES**

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Write in detail about the aetiopathology, clinical features and management of pustular psoriasis with a brief note on various biological agents used.

II. Write notes on: **(7 x 7 = 49)**

1. Wound dressings.
2. Follicular unit extraction.
3. Newer drugs in leprosy.
4. Dermoscopy of seborrheic keratoses.
5. Tofacitinib.
6. Neutrophilic dermatosis of the dorsal hands.
7. Chillblain lupus.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Discuss the differential diagnoses of vaginal discharge in a female and its management.

II. Write notes on: **(3 x 7 = 21)**

1. Multiplex PCR.
2. CD4 count estimation in HIV infection.
3. Malignant syphilis.

(LJ 2096)

OCTOBER 2016

Sub. Code:2096

M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
PAPER IV – RECENT ADVANCES

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A
(DERMATOLOGY & LEPROSY)

I. Elaborate on: **(1 x 15 = 15)**

1. Write in detail about the recent advances in atopic dermatitis with a brief note on various biological agents used for management.

II. Write notes on: **(7 x 7 = 49)**

1. Uses of botulinum toxin in dermatology.
2. HPV vaccines (Human Papilloma Virus).
3. Platelet rich plasma.
4. Serological diagnosis in autoimmune bullous diseases.
5. Relapse in leprosy.
6. Trichoscopy.
7. Newer Biological agents in Psoriasis.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: **(1 x 15 = 15)**

1. Discuss the various approaches in the management of sexually transmitted infections and discuss in detail the syndromic approach.

II. Write notes on: **(3 x 7 = 21)**

1. Structure of HIV.
2. Reverse screening algorithm in syphilis.
3. Sexually transmitted proctitis.

(LK 2096)

MAY 2017

Sub. Code:2096

**M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
PAPER IV – RECENT ADVANCES**

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on: (1 x 15 = 15)

1. Write an account of the pathogenesis and management of toxic epidermal necrolysis.

II. Write notes on: (7 x 7 = 49)

1. Cutaneous graft versus host disease.
2. Neonatal erythroderma.
3. Treatment of squamous cell carcinoma of the skin.
4. Complications of botulinum toxin therapy.
5. Treatment of photoaging.
6. Uniform Multi drug therapy for leprosy.
7. Hyaluronic acid fillers.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Write an account of methods available to prevent the spread of sexually transmitted infections.

II. Write notes on: (3 x 7 = 21)

1. Treatment of genital warts.
2. Prevention of perinatal transmission of HIV infection.
3. Enfuvirtide.

(LL 2096)

OCTOBER 2017

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Investigations and management of hirsutism.

II. Write notes on: (7 x 7 = 49)

1. Various suture techniques in dermato surgery.
2. Cosmetic hair colouring.
3. Epoxy resins.
4. Chemical peels.
5. Gene therapy for epidermolysis bullosa.
6. Teledermatology.
7. Nail avulsion techniques.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss in detail psycho sexual disorders.

II. Write notes on: (3 x 7 = 21)

1. Probiotics in STIs.
2. Hepatitis B virus.
3. Asymptomatic HIV positive person.

[LM 2096]

MAY 2018

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P.Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Classify LASERS. Discuss their uses in dermatology.

II. Write notes on: (7 x 7 = 49)

1. Newer azole antifungals.
2. BOTOX.
3. Chemical peels.
4. Recent advances in the pathogenesis of lepra reactions.
5. Leprosy vaccines.
6. Micro dermabrasion.
7. Endocrine acne.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss in detail about the post exposure prophylaxis of HIV infection.

II. Write notes on: (3 x 7 = 21)

1. Maraviroc.
2. Microbicides.
3. HPV vaccines.

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Write in detail about the various pulse therapies in dermatology.

II. Write notes on: (7 x 7 = 49)

1. Types of vitiligo surgeries.
2. Curettage in dermatology.
3. Delusional parasitosis.
4. Imiquimod.
5. Platelet rich plasma in dermatology.
6. Recent advances in the management of scleroderma.
7. Extracorporeal plasmapheresis.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Write in detail about the Syndromic management of Sexually Transmitted Infections.

II. Write notes on: (3 x 7 = 21)

1. Immunotherapy for genital warts.
2. Inpouch TV culture.
3. Erectile dysfunction.

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Mention the immunological investigations in various types of lupus erythematosus. Discuss ANA negative systemic lupus erythematosus.

II. Write notes on: (7 x 7 = 49)

1. Recent advances in urticaria management.
2. Fractional CO₂ laser.
3. Topical treatment for bullous diseases.
4. Newer drugs in the management of basal cell epithelioma.
5. Skin lightening agents.
6. HLA and Psoriasis.
7. Role of antibiotics in atopic eczema.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. STIs and infertility.

II. Write notes on: (3 x 7 = 21)

1. Chemo prophylaxis in STIs.
2. Female condom.
3. Persistent urethral leukocytosis.

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss the pathogenesis, clinical features and management of Hidradenitis suppurativa.

II. Write notes on: (7 x 7 = 49)

1. DRESS syndrome.
2. Broad spectrum sunscreens.
3. Apremilast.
4. JAK inhibitors.
5. Trichogram.
6. Nail fold capillary changes in autoimmune connective tissue disorders.
7. Vaccines for leprosy.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. A seven year old female child brought by mother with complaints of genital ulcer and history of sexual abuse. Proceed, include provisions of POCSO Act 2012.

II. Write notes on: (3 x 7 = 21)

1. Oral mucosal transudate test for HIV.
2. Kraurosis vulvae.
3. Rapid Treponemal Tests.

[LQ 2096]

**AUGUST 2020
(MAY 2020 SESSION)**

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Write a note on the cutaneous manifestations and management of dermatomyositis with a brief note on myositis specific antibodies and its relevance.

II. Write notes on: (7 x 7 = 49)

1. Role of dermoscopy in the diagnosis of inflammatory dermatoses
2. Treatment options for rosacea
3. Recent advances in the management of keloids
4. Microneedling in dermatology.
5. Sparsh leprosy awareness campaign.
6. Ultrasonography of nerves in leprosy.
7. Alitretinoin.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Discuss the point of care tests in sexually transmitted infections, its advantages and challenges.

II. Write notes on: (3 x 7 = 21)

1. Rilpivirine.
2. Neurosyphilis.
3. Gonococci as a superbug.

[MD 0721]

JULY 2021
(MAY 2021 SESSION)
M.D. DEGREE EXAMINATION

Sub. Code: 2096

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A
(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss in detail about various laser and light therapies for vitiligo.

II. Write notes on: (7 x 7 = 49)

1. Mesotherapy.
2. Electrosurgical procedures.
3. Mizolastine.
4. Contact immunotherapy for alopecia areata.
5. Prevention of disabilities in leprosy.
6. Tattoo removal.
7. Vaccine for human papilloma virus.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Discuss in detail about HIV replication cycle and mechanism of action of Antiretroviral drugs on the replication cycle.

II. Write notes on: (3 x 7 = 21)

1. Post exposure prophylaxis.
2. Counselling for HIV.
3. Epidemiological dose in the treatment of sexually transmitted diseases.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0522]

MAY 2022

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on:

(1 x 15 = 15)

1. Enumerate the various intra epidermal immune bullous disorders and discuss in detail the diagnostic modalities and the treatment of pemphigus, including the recent advances.

II. Write notes on:

(7 x 7 = 49)

1. Pharmacogenomics in cutaneous adverse drug reactions.
2. CARD 14 – Associated Papulosquamous Eruption.
3. Erythema dyschromicum perstans.
4. Recent advances in the management of infantile hemangioma.
5. Tofacitinib.
6. Picosecond laser.
7. Pathogenesis of Melasma.

SECTION – B
(VENEREOLOGY)

I. Elaborate on:

(1 x 15 = 15)

1. A 25 year old health care provider attending the OPD with recent history of needle prick injury from a HIV positive person, proceed with necessary history, investigations and advise on PEP.

II. Write notes on:

(3 x 7 = 21)

1. ICTC.
2. Metzitzah practice.
3. Vaccines for HPV.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1022]

OCTOBER 2022

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on: (1 x 15 = 15)

1. Classify cutaneous adverse drug reactions. Discuss in detail the aetiopathogenesis of SJS/TEN and its management.

II. Write notes on: (7 x 7 = 49)

1. IgA Pemphigus.
2. Pigmented contact dermatitis.
3. IL 1 Antagonists.
4. Topical therapy for onychomycosis.
5. Reflectance confocal Microscopy.
6. Non cultured melanocyte transfer.
7. Immunology of hair follicle.

SECTION – B
(VENEREOLOGY)

I. Elaborate on: (1 x 15 = 15)

1. Color coded kits in the management of STIs with advantages and disadvantages of syndromic management of STIs.

II. Write notes on: (3 x 7 = 21)

1. Fourth generation HIV testing kits.
2. Immune reconstitution inflammatory syndrome (IRIS).
3. Emergency contraception.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2096

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Recent advances in the management of Chronic Idiopathic Urticaria.

II. Write notes on: **(7 x 7 = 49)**

1. Mechanism of action of Botox and its applications in Dermatology.
2. What is Narrowband UVB? Discuss the various uses and advantages.
3. Discuss the mechanism of action of Bexarotene, its indications and side effects.
4. What is Camouflage? Discuss its uses in Dermatological practice.
5. Radiofrequency ablation.
6. Chimeric Antibody Receptor Therapy (CART).
7. Dermoscopy of Seborrheic Keratosis, Basal Cell Carcinoma.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Pelvic Inflammatory disease.

II. Write notes on: **(3 x 7 = 21)**

1. Epidiose.
2. Pharyngeal gonorrhea.
3. Pseudo Bubo.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2096

**M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
PAPER IV – RECENT ADVANCES**

Q.P. Code: 202096

Time: Three Hours

Maximum: 100 Marks

(ANSWER SECTION A & B SEPARATELY)

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on: **(1 x 15 = 15)**

1. Define Biologicals. Enumerate the biological used in Psoriasis. Discuss in detail on mechanism of action, indications, side effects and contraindications of TNF- alpha in psoriasis.

II. Write notes on: **(7 x 7 = 49)**

1. Topical Phosphodiesterase inhibitors.
2. Hormonal treatment in acne.
3. Excimer laser.
4. Antibodies in Dermatomyositis.
5. Ozenoxacin.
6. Indirect immunofluorescence in autoimmune blistering disease.
7. Woods lamp in dermatology.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: **(1 x 15 = 15)**

1. A 35 year old sexually active female presented with mucoid cervical discharge. Discuss about the necessary investigations and management.

II. Write notes on: **(3 x 7 = 21)**

1. Microbicides in venereology.
2. Chronic pelvic pain syndrome.
3. Treatment of Cardiovascular syphilis.
