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

[MD 0524] **MAY 2024** **Sub. Code: 4060**

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN / VD & INTERNAL MEDICINE AND SKIN

Q.P. Code: 204060

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 Dermatomyosistis 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. Facial rejuvenation procedures.
3. Recent advances in the management of Keloids.
4. Microneedling in dermatology.
5. Sparsh Leprosy Awareness campaign.
6. Ultrasonography of Nerves in Leprosy.
7. Applications of Artificial Intelligence in skin diseases.

SECTION – B

(VENEREOLOGY)

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

1. Balanophosthitis – etiology, diagnosis, management and complications.

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

1. Tissue Smear.
2. HSV Prophylaxis.
3. Vaginal antimicrobial peptides.

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

[MD 1224] **DECEMBER 2024** **Sub. Code: 4060**
(OCTOBER 2024 EXAM SESSION)

M.D. DEGREE EXAMINATION

DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN / VD & INTERNAL MEDICINE AND SKIN

Q.P. Code: 204060

Time: Three Hours **Maximum: 100 Marks**

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

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

1. Management of acne scars.

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

1. Diode laser.
2. Dermoscopy of Melanocytic Nevi.
3. Skin lightening agents.
4. Newer biologics in treatment of psoriasis.
5. Newer treatment in management of Androgenetic alopecia.
6. Nanotechnology in Dermatology.
7. Reconstructive surgeries in Leprosy.

SECTION – B

(VENEREOLOGY)

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

1. Write about pre and post exposure prophylaxis in HIV.

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

1. STI and infertility.
2. Management of erectile dysfunction.
3. HPV vaccine.

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

[MD 0525] **MAY 2025** **Sub. Code: 4060**

M.D. DEGREE EXAMINATION

DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN / VD & INTERNAL MEDICINE AND SKIN

Q.P. Code: 204060

Time: Three Hours **Maximum: 100 Marks**

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

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

1. Role of Biologics in autoimmune blistering diseases.

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

1. Dermoscopy of Basal cell carcinoma.
2. Paraneoplastic dermatoses.
3. Brimonidine.
4. Platelet rich plasma.
5. Management of Erythema nodosum leprosum.
6. Sirolimus.
7. Topical immunotherapy.

SECTION – B

(VENEREOLOGY)

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

1. Describe in detail the clinical features, differential diagnosis and management of genital herpes.

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

1. Newer azole antifungals.
2. Reverse screening algorithm in syphilis.
3. Vulvodynia.

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

[MD 1025] **OCTOBER 2025** **Sub. Code: 4060**

M.D. DEGREE EXAMINATION

DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN / VD & INTERNAL MEDICINE AND SKIN

Q.P. Code: 204060

Time: Three Hours **Maximum: 100 Marks**

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

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

1. Skin manifestations of insulin resistance and their management.

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

1. Axillary hyperhidrosis.
2. Melatonin in dermatology.
3. Hydrafacial treatment in dermatology.
4. Oral sunscreen agents.
5. Newer treatment approaches in leprosy.
6. Probiotics and skin.
7. Serological diagnosis of leprosy**.**

SECTION – B

(VENEREOLOGY)

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

1. Bed side diagnosis of enlisted STD's
   a) Early syphilis b) Chancroid c) Herpes genitalis
   d) Vaginal candidiasis e) Trichomoniasis.

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

1. Conjugal STD's.
2. Female Condom.
3. Non-Penicillin therapies in acquired syphilis.

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

[MD 0526] **MAY 2026** **Sub. Code: 4060**

M.D. DEGREE EXAMINATION

DERMATOLOGY, VENEREOLOGY AND LEPROSY

PAPER IV – RECENT ADVANCES IN FIELD OF DERMATOLOGY, APPLIED SCIENCES PERTAINING TO SKIN / VD & INTERNAL MEDICINE AND SKIN

Q.P. Code: 204060

Time: Three Hours **Maximum: 100 Marks**

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

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

1. JAK inhibitors in dermatology.

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

1. Botulinum toxin.
2. Bexarotene.
3. Camouflage.
4. Newer antileprosy drugs.
5. Pregnancy dermatoses.
6. Crisaborole.
7. Excimer laser in dermatology.

SECTION – B

(VENEREOLOGY)

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

1. Opportunistic infections in HIV and Management.

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

1. Maraviroc.
2. Epidemiological therapy of sexually transmitted infections.
3. Herpes Zoster in HIV.

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