

**MANIPAL ACADEMY OF HIGHER EDUCATION****MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – JANUARY 2025  
(REGULAR)****PAPER I**

Tuesday, January 14, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer ALL questions.****✍ Long essay:**

1. Describe the Sensory innervation of skin. How do you test for sensations in a suspected case of Hansen's disease?
2. Explain the Structure and function of sebaceous gland with a diagram. Discuss nevus sebaceous.

(20 marks × 2 = 40 marks)

**✍ Short essay:**

3. Structure of Mast cell and its applied anatomy.
4. A child came to emergency department with swelling of lips, periorbital region since few hours after eating peanuts. He also has difficulty in breathing. Which type of hypersensitivity reaction is this? Classify types of hypersensitivity reaction and explain the underlying pathophysiology.
5. Percutaneous absorption of skin and add a note on natural moisturizing factors.

(12 marks × 3 = 36 marks)

**6. Short notes:**

- 6A. What are Civatte bodies and which conditions is it seen.
- 6B. Woods lamp and its uses in dermatology.
- 6C. Explain Mosaicism with examples.
- 6D. Components of sebum.

(6 marks × 4 = 24 marks)



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**PAPER II**

Wednesday, January 15, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long essay:**

1. A 10-yr-old boy presents with yellowish and thickened skin over the palms and soles which seems to be extending onto the dorsum of hands and feet. What is the possible diagnosis and management. Write a note on classification of above group of disorders.

2. Discuss the etiopathogenesis, clinical feature and management of parthenium dermatitis

(20 marks x 2 = 40 marks)

✍ **Short essay:**

3. Discuss the mucocutaneous manifestations SARS-CoV-2 infection. Add a note on mucocutaneous reactions to SARS-CoV-2 vaccination.

4. Classify cutaneous tuberculosis. Discuss the clinical features and management of warty tuberculosis. Add a note on the management of multidrug resistant cutaneous tuberculosis

5. Discuss the clinical feature and management of Kasabach-Merritt Syndrome

(12 marks x 3 = 36 marks)

6. **Short notes:**

- 6A. Write briefly about CARD-14 associated with papulosquamous eruptions (CAPE)

- 6B. Clinical feature and management of anti-p200 pemphigoid

- 6C. Hormonal therapies in the management of acne

- 6D. Cutaneous manifestations of Human polyomavirus infection

( 6 marks x 4 = 24 marks)




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**PAPER III**

Thursday, January 16, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

 **Answer all questions.**

 **Long essay:**

1. A 45-year-old labourer who is on MB MDT treatment for HD(LL) suddenly develops difficulty in walking and dragging gait of left leg. He also has an ulcer on the same foot on plantar aspect. How will you further evaluate and treat him?
2. Elaborate upon Syndromic approach in management of STIs. Write briefly on ophthalmia neonatorum.

(20 marks x 2 = 40 marks)

 **Short essay:**

3. Discuss the various non venereal trepanomatoses with respect to etiopathogenesis, clinical features, diagnosis and treatment.
4. Pathomechanism of nerve damage in leprosy
5. A 21 year old woman who is on treatment for leprosy complaints of itchy skin rash and yellow tinged eyes within 3 weeks of starting treatment. How will you proceed further?

(12 marks x 3 = 36 marks)

6. **Short notes:**

- 6A. Pre exposure prophylaxis of HIV
- 6B. Female condom
- 6C. Motor paralytic deformities of the hand
- 6D. MCR footwear

(6 marks × 4 = 24 marks)



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**PAPER IV**

Friday, January 17, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Long Essay:**

1. Classify lasers used in dermatological treatments. How will you manage a case of active Acne Vulgaris in an 18 yrs. old female with moderate acne scars on face.
2. Write an essay on skin manifestations of Thyroid Diseases.

(20 marks x 2 = 40 marks)

✍ **Short essays:**

3. A 70-year-old male is brought to emergency with extensive erosions and bullae. What is your differential Diagnosis? Briefly write on paraneoplastic pemphigus
4. What are some of the classical Radiological findings in psoriasis, scleroderma, congenital syphilis, lepromatous leprosy
5. Describe Pellagrous dermatitis and its Management

(12 marks x 3 = 36 marks)

**6. Short notes:**

- 6A. Write a note on Hydroxychloroquine
- 6B. What are Emollients, Moisturizers and Humectants? Differentiate.
- 6C. Write briefly on uses of Artificial Intelligence in Dermatology
- 6D. Short notes on Calcineurin inhibitors

(6 marks x 4 = 24 marks)

