

MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2022

PAPER I

Friday, April 01, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Draw neat labeled diagrams wherever necessary.

✍ Your answer should be specific to the questions asked.

✍ Essay Questions:

1. Describe melanogenesis and factors controlling it.

(15 marks)

2. Discuss the structure and function of dermal inflammatory cells.

(15 marks)

3. Write short answers:

3A. Structure and function of Langerhans cell

3B. Applications of Geimsa stain

3C. Importance of Keratohyaline granules

3D. Factors controlling Percutaneous absorption

3E. Antigenic targets in basement membrane region

3F. Anatomy of oral mucosa

3G. Normal skin flora

3H. Phases of normal wound healing

3I. Anatomy of Holocrine gland of skin

3J. Structure and function of Desmosome

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2022

PAPER II

Saturday, April 02, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions. Draw neat labeled diagrams wherever necessary.

✍ Your answers should be specific to the questions asked.

1. Classify cutaneous pseudolymphoma. Describe the clinical features and management of cutaneous lymphoid hyperplasia.

(15 marks)

2. Discuss approach to an adult female patient with photosensitive facial eruption.

(15 marks)

3. Write short answers:

3A. Describe the clinical features and management of dermatomyositis

3B. Discuss the clinical features and management of urticarial vasculitis

3C. Behcet's disease – Describe the international criteria for diagnosis. Add a note on treatment

3D. Describe the dermatologic features and treatment of mucocutaneous lymph node syndrome.

3E. What are pigmented purpuric dermatoses. What are the types and add a note on treatment

3F. Discuss clinical features and treatment of erythromelalgia

3G. Cryotherapy- Indications, technique and complications

3H. Classify anti histamines. What are the side effects?

3I. Describe the etiology, clinical features and treatment of Gianotti Crosti syndrome

3J. Discuss the management of onychomycosis

(7 marks × 10 = 70 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2022

PAPER III

Monday, April 04, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

1. Describe the natural history of syphilis.
(15 marks)
2. Describe the various disabilities and deformities in leprosy.
(15 marks)
3. **Write short answers:**
 - 3A. Classify HIV infection. Add a note on oral hairy leukoplakia.
 - 3B. Clinical features and management of nerve abscess in leprosy.
 - 3C. Clinical features of sexually reactive arthritis.
 - 3D. Medical management of recurrent type II lepra reaction
 - 3E. Syndromic management of inguinal buboes.
 - 3F. Systemic involvement in lepromatous leprosy.
 - 3G. Differential diagnosis of acute painful genital ulcers in a 20yrs old female.
 - 3H. Outline the steps for effective control of leprosy in India.
 - 3I. Clinical features and management of pelvic inflammatory disease in a female.
 - 3J. Side effects of anti leprosy drugs.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2022

PAPER IV

Tuesday, April 05, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essays Questions:

1. Discuss the relationship between the STDs and HIV.
(15 marks)
2. Classify the dermatosis of pregnancy. Discuss the clinical feature and management of Herpes Gestationis.
(15 marks)

3. Short Notes:

- 3A. Calcipotriol
- 3B. Discuss pulse therapy in dermatology
- 3C. Discuss leucocytoclastic vasculitis
- 3D. What is Universal precaution?
- 3E. Describe Protease inhibitors
- 3F. Discuss Special stains in Dermatology
- 3G. Differential diagnosis of neonatal vesiculobullous disorder
- 3H. Discuss neurocutaneous disorders
- 3I. Discuss psoriatic arthritis
- 3J. Skin in metabolic syndrome

(7 marks × 10 = 70 marks)

