

MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2018

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY

Monday, April 02, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the mechanism of temperature regulation.

(15 marks)

2. Discuss interface dermatitis.

(15 marks)

3. **Write short answers:**

3A. Trichogram and its applications

3B. Describe autologous serum skin test and its importance

3C. What is antigen mapping? Discuss the clinical conditions where it is useful.

3D. Describe the non- dendritic cells of epidermis

3E. Describe the path way of itch

3F. Epidermo tropism and exocytosis

3G. Anatomy of oral mucosa

3H. Immunohistochemistry and applications in dermatology

3I. Structure of HIV

3J. Percutaneous absorption

(7 marks × 10 = 70 marks)



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MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2018

SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Tuesday, April 03, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the clinical features and management of 'DRESS' Syndrome. (15 marks)

2. Describe the various bases used in topical formulations. (15 marks)

3. **Write short answers:**

3A. Classify photodermatoses. Add a note on PMLE.

3B. Management of toxic epidermal necrolysis.

3C. Aeti – pathogenesis of atopic dermatitis.

3D. Classify psychocutaneous disorders. Add a note on SSRI antidepressants.

3E. Causes of retiform purpura.

3F. Clinical features and management of Behcet's syndrome.

3G. Treatment modalities of common warts.

3H. Various 'Lymphocytic infiltrates' involving the face.

3I. Histopathology of melanocytic nevus.

3J. Differential diagnosis of diffuse cutaneous pigmentation.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2018

SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY

Wednesday, April 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. What is NLEP? What is the impact of leprosy on public health?

(15 marks)

2. Describe the anatomy of male urethra. Classify urethritis.

(15 marks)

3. **Write short answers:**

3A. What are the newer drugs in leprosy treatment? Add a note on thalidomide.

3B. Describe the nerve supply of hand muscles. What is claw hand?

3C. How is slit skin smear for leprosy done? Write briefly on Bacterial index.

3D. Describe a satellite lesion in leprosy. What are the histopathological findings in BT leprosy?

3E. Describe different bubos. How will you treat LGV bubo?

3F. Describe clinical features of secondary syphilis.

3G. Classify causes of vulvo-vaginitis. Draw a labeled figure of trichomonas vaginalis.

3H. Discuss extra genital manifestations of gonococcal infection.

3I. Discuss the clinical manifestations of Phthriasis pubis.

3J. What are the clinical features of gay-bowel syndrome?

(7 marks × 10 = 70 marks)



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MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2018

SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Thursday, April 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Trace the progress of HIV infection till development of AIDS. (15 marks)

2. What are water borne dermatoses? Add a note on cercarial dermatitis. (15 marks)

3. **Short Notes:**

- 3A. Narrow band UVB and its uses
- 3B. Vitamin C and its uses in dermatology
- 3C. Stretch marks and its treatment
- 3D. Cosmetic dermatitis
- 3E. Anti-ageing treatment options
- 3F. Cutaneous manifestations of dengue
- 3G. Terbinafine, its uses and adverse effects
- 3H. What is FUT? What are its advantages?
- 3I. Give the options for acne scar management
- 3J. Classify psychodermatoses

(7 marks × 10 = 70 marks)

