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MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – DECEMBER 2023

PAPER I

Monday, December 04, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essay Questions:

1. Define and discuss the various types of granulomas.

(15 marks)

2. Describe the normal cutaneous flora

(15 marks)

3. Write short answers:

3A. Role of adhesion molecules in various dermatological conditions

3B. Lymphatic drainage of male and female genitalia.

3C. Structure and function of hypodermis

3D. Cutaneous vasculature

3E. Epidermal and dermal degenerations

3F. Epidermal melanin unit

3G. Tests for detection of autoimmunity

3H. Classification of antihistamines

3I. Various abscesses in dermatopathology

3J. Diascopy and dermoscopy

(7 marks × 10 = 70 marks)



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PAPER II

Tuesday, December 05, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essays Questions:

1. Discuss the clinical features and management of Mixed connective tissue disease. (15 marks)

2. What are industrial dermatoses? Discuss preventive and treatment measures. (15 marks)

3. Write short answers:

3A. Write briefly on:

i) Cryogenics ii) Radio frequency

3B. Classify psychocutaneous disorders. Write a note on dermatitis artefacta

3C. Discuss clinical features and management of chronic actinic dermatitis.

3D. Discuss oral manifestations of HIV infection

3E. Classify viral infections with skin manifestation. Add a note on Human papilloma virus

3F. Discuss clinical features, investigations and treatment of Discoid lupus erythematosus

3G. Classify pigmentary disorders. Write a note on black dermographism

3H. Discuss the clinical features and management of mycetoma foot

3I. Discuss intralesional cytotoxic therapy in dermatology

3J. Describe the various skin manifestation of filarial nematode infestations.

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, December 06, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all questions.**

✍ **Essays Questions:**

1. Discuss laboratory diagnosis of gonorrhoea. What are pili?
(15 marks)
2. Discuss the clinical features and histopathology of mid borderline leprosy.
(15 marks)
3. **Write short answers:**
 - 3A. Write short notes on:
 - i) Nude mice
 - ii) Nerve decompression in leprosy
 - 3B. Discuss the clinical features and histopathology of borderline lepromatous leprosy
 - 3C. Write short notes on:
 - i) Wrist drop
 - ii) Foot drop
 - 3D. Discuss visceral involvement in leprosy
 - 3E. Write short notes on
 - i) Pearly penile papules
 - ii) Condyloma acuminata
 - 3F. Discuss tertiary syphilis and histopathology of Gumma
 - 3G. Discuss complications of Gonorrhoea. What is water can perineum?
 - 3H. Write short notes on:
 - i) Dattner - Thomas concept
 - ii) Hutchinson's triad
 - 3I. Discuss the D/D of macular lesions in leprosy
 - 3J. Describe the clinical features of reactive arthritis in a sexually active patient
(7 marks × 10 = 70 marks)



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PAPER IV

Thursday, December 07, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Essays Questions:**

1. Discuss the skin manifestations, investigations and treatment of disseminated intravascular coagulation
(15 marks)

2. Describe the cutaneous manifestations of vitamin deficiencies
(15 marks)

3. **Write short answer:**

3A. Discuss the pharmacology and uses of Azathioprine in dermatology. Add a note on Azathioprine monitoring guidelines

3B. Describe the cardiac manifestations of cutaneous diseases

3C. Describe the principles, indications and types of Hair Transplantation.

3D. Discuss the use of Anticoagulant drugs in dermatology. Add a note on low weight heparin

3E. Classify pseudoscleroderma. Add a note on lipodermatosclerosis.

3F. Describe the eye changes in various dermatological disorders.

3G. How will you manage a case of livedo reticularis?

3H. Classify mastocytoses and describe in brief each entity

3I. Describe the clinical features and D/D of Extramammary Paget's disease

3J. Discuss skin changes in thyroid disease.

(7 marks × 10 = 70 marks)

