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MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – MAY 2021

PAPER I

Monday, May 03, 2021

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.

✍ Essays Questions:

1. Describe collagen synthesis with the help of a diagram.

(15 marks)

2. Discuss the principles of genetic skin diseases.

(15 marks)

3. Write short answers:

3A. Importance of growth factors in dermatology

3B. Role of intercellular adhesions molecules in inflammation

3C. Arrangement of cutaneous vasculature

3D. Components of interface dermatitis

3E. Structure and function of subcutaneous fat

3F. Compare and contrast apocrine and eccrine gland

3G. What is Meirovsky's phenomenon?

3H. Importance of androgen metabolism and skin

3I. How does skin act as an immunological organ?

3J. Describe epidermal cell cycle

(7 marks × 10 = 70 marks)



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MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – MAY 2021

PAPER II

Tuesday, May 04, 2021

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. Classify disorders of skin colour. Add a note on clinical features and treatment of Suttons nevus.

(15 marks)

2. Classify blistering diseases of skin. Write about Grover's disease.

(15 marks)

3. **Write short answers:**

3A. Cutaneous features of sarcoidosis

3B. How will you clinically interpret granulomatous histopathology?

3C. Clinical features and treatment of subcutaneous phycomycosis

3D. Compare and contrast Cimicosis and Tungiasis

3E. Cutaneous features of skin diseases caused by mechanical injury

3F. D/D of a linear skin lesion at birth

3G. Types of nail cosmetics and their side effects

3H. Compare and contrast trichoepithelioma and syringoma

3I. Causes of facial erythema

3J. Clinical features and management of keratosis follicularis

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, May 05, 2021

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.

✍ Essays Questions:

1. Discuss the cause, clinical feature and management of Reiter's disease. (15 marks)

2. Discuss the systemic manifestation of leprosy. Add a note on histoid leprosy. (15 marks)

3. Write short answers:

3A. What is metastatic gonorrhoea?

3B. Write briefly on drug resistance

3C. What is HAART?

3D. Discuss nerve biopsy

3E. Describe secondary tumours associated with HIV

3F. What is indeterminate leprosy?

3G. Recurrent herpes proies and their management

3H. Mid borderline leprosy

3I. What is the clinical feature and lab diagnosis of Granuloma Inguinale?

3J. Newer drugs in the management of Hansen's disease

(7 marks × 10 = 70 marks)



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PAPER IV

Thursday, May 06, 2021

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.

✍ Essays Questions:

1. Describe the pathogenesis, clinical features, differential diagnosis and management of Diaper dermatitis.

(5+5+2+3 = 15 marks)

2. Classify Pustular psoriasis. Describe the clinical features and management of Impetigo Herpetiformis.

(5+5+5 = 15 marks)

3. Write short answers:

3A. Perforating keratotic disorders

3B. Angio-edema

3C. Systemic contact dermatitis

3D. Pellagra

3E. Necrobiosis Lipoidica

3F. Uses of Botulinum Toxin in Dermatology

3G. DRESS syndrome

3H. Glycolic acid

3I. Cryogens

3J. Cutaneous pseudolymphoma

(7 marks × 10 = 70 marks)

