

MANIPAL ACADEMY OF HIGHER EDUCATION

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – JUNE 2020

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

✍ **Your answer should be specific to the questions asked.**

✍ **Essays Questions:**

1. Describe the process of keratinization of skin with suitable diagrams.

(15 marks)

2. Discuss the embryology of skin, hair and nail.

(15 marks)

3. **Write short answers:**

3A. Types and functions of Toll like receptors

3B. Structure of hair follicle

3C. Natural skin defences against infection

3D. Eccrine sweat formation

3E. Types of granuloma and giant cells

3F. Principles of Gram stain

3G. Structure and functions of Connexins

3H. Composition of Skin surface lipids

3I. Anaesthesia for nail surgery

3J. Epidermal reaction patterns

(7 marks × 10 = 70 marks)



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SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL the questions. Draw neat labeled diagrams wherever necessary.**
- ✍ **Your answer should be specific to the questions asked.**

✍ **Essay Questions:**

1. How will you approach an adult presenting with facial melanosis
(15 marks)
2. Classify cutaneous tuberculosis. Discuss the clinical feature and management of inoculation skin tuberculosis.
(15 marks)

3. **Short Questions:**

- 3A. Clinical feature and treatment of livedoid vasculitis
- 3B. Morphological types of basal cell carcinoma
- 3C. Management of post herpetic neuralgia
- 3D. Clinical feature and management of acute generalized pustular psoriasis
- 3E. Discuss briefly the clinical feature and pregnancy outcome of Pemphigoid gestationis
- 3F. What is the differential diagnosis of perioral dermatitis?
- 3G. Classify inherited epidermolysis bullosa. Describe the clinical feature of Kindler's syndrome
- 3H. Clinical features of diseases with elastic fibre abnormalities.
- 3I. How will you approach a patient with dysplastic naevi?
- 3J. Discuss the clinical feature and management of chromoblastomycosis.

(7 marks × 10 = 70 marks)



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MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – JUNE 2020

SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the secondary tumours associated with HIV. Classify antiretroviral agents and give two examples each.

(15 marks)

2. Discuss the immunology of leprosy. Add a note on vaccines in leprosy.

(15 marks)

3. **Short notes:**

3A. Describe the oral lesions in syphilis

3B. Discuss various classification of leprosy

3C. Discuss Syndromic case management

3D. Role of Physiotherapy in leprosy

3E. Diagnostic tests for syphilis

3F. What is lucio phenomenon

3G. Bangladeshi syndrome

3H. Animal models in leprosy

3I. Datner Thomas Concept

3J. Describe the eye changes in leprosy

(7 marks × 10 = 70 marks)



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MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – JUNE 2020

SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Saturday, June 06, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss management of acute systemic lupus erythematosus (15 marks)

2. Describe cutaneous features of chronic kidney disease and their management (15 marks)

3. **Write short answers:**

3A. Nail abnormalities in systemic disease

3B. Cutaneous manifestations of vitamin deficiencies.

3C. The characteristics of various hyperlipoproteinemias

3D. Skin manifestations of malabsorption syndromes.

3E. Skin changes secondary to ionizing radiation

3F. Classification and treatment of Raynaud's phenomenon

3G. Approach to a case of generalized pruritus of 3 months durations

3H. Topical cytotoxic therapy.

3I. Approach to a 35 yrs old male with a trophic ulcer on the sole.

3J. Differential diagnosis of a 'psoriasiform rash' in a 50 yrs old patient.

(7 marks × 10 = 70 marks)

