

MANIPAL UNIVERSITY**MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2007****SUBJECT: PAPER I: BASIC SCIENCES RELATED TO THE SPECIALITY**

Monday, April 02, 2007

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Discuss cutaneous permeability. What are the practical implications of cutaneous permeability?
2. Describe anatomy of the melanocyte. Outline pathway of melanin production and distribution.
3. What are immunoglobulins? What are their functions? Classify and briefly describe the hypersensitivity reactions (Coombs and Gell).

(20×3 = 60 marks)

4. Write short notes on:
 - 4A. Karyorrhexis
 - 4B. Stratum spinosum
 - 4C. Apoptosis
 - 4D. Collagen
 - 4E. Immunohistochemistry of skin
 - 4F. Sebaceous gland
 - 4G. Odland bodies
 - 4H. Veil cells

(5×8 = 40 marks)

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MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER II: DERMATOLOGY

Tuesday, April 03, 2007

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. Describe the causes and clinical features of Airborne contact dermatitis.
2. What are the cutaneous deposition diseases? Describe in detail Scleromyxedema.
3. Classify Epidermal Naevi. Write on the management of congenial melanocytic narvus.
4. Write notes on:
 - 4A. Cutaneous metastases.
 - 4B. Atypical mycobacteria.
 - 4C. Acne inversa.
 - 4D. Superantigens.
 - 4E. Wolff-Chaikoff effect.
 - 4F. Antiphospholipid Antibody.
 - 4G. UVB narrow band therapy.
 - 4H. Transverse hair section in histopathology.

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MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY

Wednesday, April 04, 2007

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. How will you organize leprosy control work in rural areas? What are the problems you are likely to face?
2. Discuss woman and sexually transmitted diseases.
3. Write short notes on:
 - 3A. Visceral leprosy.
 - 3B. Clue cells.
 - 3C. Kaposi sarcoma.
 - 3D. Tertiary syphilis
4. Write short notes on:
 - 4A. Pitfall of domiciliary treatment of leprosy.
 - 4B. Extragenital chancre.
 - 4C. Zidovudine.
 - 4D. Urethroscopy.

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MD (DERMATOLOGY, VENEREOROLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Thursday, April 05, 2007

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. Discuss the systemic changes in SLE.

2. Discuss annular erythemas.

3. Short notes:

3A. Bronze baby syndrome.

3B. Scar sarcoidosis.

3C. Eruptive xanthoma.

3D. Letterer-Siwe disease.

4. Short notes:

4A. Kaposi's sarcoma.

4B. Azelaic acid.

4C. Swimming pool granuloma.

4D. Photodynamic inactivation.

