

**MANIPAL UNIVERSITY****MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY**

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Describe the various methods of skin biopsy.

(15 marks)

2. Describe the features of the electromagnetic spectrum and add a note on early and late effects of ultraviolet radiation.

(15 marks)

3. **Write short notes on:**

3A. Ultra structure of epidermis

3B. Composition of eccrine sweat and innervation of eccrine gland

3C. Diagrammatic representation of epidermal cell cycle. Add a note on apoptosis.

3D. Anatomy of female genitalia

3E. Skin changes in pregnancy

3F. Structure and function of Merkel cell

3G. Lipid biosynthesis in the skin

3H. Keratinization of hair and nail

3I. Role of leukotrienes and prostaglandins in inflammation

3J. Gell and Coombs classification of immunological reactions

(7×10 = 70 marks)



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## MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss the clinical features, histopathology and management of Basal cell carcinoma. (15 marks)

2. How will you evaluate a suspected cutaneous adverse drug reaction? Write briefly on Toxic epidermal necrolysis. (15 marks)

3. **Write short notes on:**

3A. Classify retinoids. Discuss its use in dermatology.

3B. Classify bullous disorders. Write on pulse therapy in pemphigus.

3C. List uses of dapsone in dermatology. Describe dapsone syndrome.

3D. Discuss Topical management of Acne vulgaris. How are acne scars treated?

3E. How will you classify Tuberculosis of skin? Describe histopathology of lupus vulgaris.

3F. Discuss clinical variants of scabies. What are the treatment options available?

3G. Discuss cutaneous vascular anomalies in the new born. What is Bart syndrome?

3H. Classify photodermatoses. Add a note on solar urticaria.

3I. Investigations and management of palpable purpura.

3J. Clinical features and management of Erythropoietic protoporphyria.

(7×10 = 70 marks)



**MANIPAL UNIVERSITY****MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY**

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

✍ **Long Essays.**

1. Discuss the causes, clinical features and management of gay bowel syndrome.

(15 marks)

2. Describe the natural progression of untreated syphilis.

(15 marks)

3. **Write short notes on :**

3A. Describe the clinical features and management of lepromatous leprosy.

3B. Discuss motor weakness in leprosy. Write about physiotherapy in leprosy.

3C. Discuss immunology of leprosy. How does it influence reactions?

3D. Write short notes on i) Lucio phenomenon ii) Erythema necroticans

3E. Discuss laboratory diagnosis of leprosy. Write briefly on armadillo.

3F. What are D/Ds of vaginal discharge. How will you treat bacterial vaginosis?

3G. Discuss skin involvement in HIV infection. What is oral hairy leukoplakia?

3H. What is venereophobia? Describe Bangladeshi syndrome.

3I. Discuss management of trophic ulcers in leprosy

3J. How will you manage a case of balanoposthitis?

(7×10 = 70 marks)



**MANIPAL UNIVERSITY****MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE**

Friday, April 04, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. What are the types of neurofibromatosis? Discuss clinical features of Von Recklinghausen's disease. (15 marks)

2. Describe the aetiology, clinical features and management of purpura fulminans. (15 marks)

3. **Write short notes on:**

3A. Discuss the pathogenesis, clinical features and management of pellagra.

3B. Describe the clinical features, D/D and management of Bullosis diabeticorum.

3C. Discuss aetiology, clinical features and management of Phenylketonuria.

3D. Discuss the classification, clinical features, D/D and management of Porphyria cutanea tarda.

3E. Describe the aetiology, clinical features and management of Pseudoxanthoma elasticum.

3F. Describe the various types of cutaneous pseudolymphomas.

3G. What are the conditions associated with pseudoscleroderma? Discuss the clinical features of scleromyxedema.

3H. Discuss aetiology and clinical features of Chediak- Higashi syndrome.

3I. Describe the various systemic causes of generalized pruritus.

3J. How will you investigate a case of blue toe syndrome?

(7×10 = 70 marks)

