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## MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2017

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY

Monday, April 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Your answer should be specific to the questions asked.

✍ Draw neat labeled diagrams wherever necessary.

✍ Long Essays:

1. Discuss the approach to a case of neonatal pustular eruptions.

(15 marks)

2. Describe the structure of a melanocyte with the help of a neat diagram. Outline the approach to a patient with reticulated pigmented anomaly.

(15 marks)

3. Write short notes on:

3A. Describe the structure of 'elastic tissue' in the skin. What is Bushke-Ollendorf syndrome?

3B. Name hair shaft defects. Describe the clinical feature of Netherton's syndrome.

3C. Describe the vascular network in the skin.

3D. Pathophysiology of pruritus.

3E. Laboratory diagnosis of Chlamydial infection.

3F. Outline the management of a patient with urticaria not responding to antihistamine.

3G. Discuss the clinical feature, differential diagnosis and management of nodular prurigo.

3H. Ultrastructure of M. Leprae.

3I. Discuss the role of skin as an 'immunological' organ.

3J. Etiology, clinical feature and management of Kassabach Meritt syndrome.

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2017

SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Tuesday, April 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

✍ **Long Essays:**

1. Discuss the differential diagnosis and management of a middle aged female presenting with erythematous rash over the malar region.

(15 marks)

2. Classify histiocytic disorders? Discuss the clinical feature and management of Langerhan's cell histiocytosis.

(15 marks)

3. **Write short notes on:**

- 3A. Clinical feature and management of graft versus host disease.
- 3B. Clinical feature and management of sporotrichosis.
- 3C. Name premature ageing syndromes. Outline the salient clinical features.
- 3D. Clinical feature and management of Jessner's lymphocytic infiltrate.
- 3E. Clinical feature and management of EB pruriginosa.
- 3F. Classify pustular Psoriasis. Outline the management of acute generalized pustular psoriasis.
- 3G. Clinical feature and histopathology of Pseudoxanthoma elasticum.
- 3H. What are the causes of hyperhidrosis? Outline the treatment measures for hyperhidrosis.
- 3I. Discuss the management of autoimmune urticaria.
- 3J. Clinical feature and management of Sweet's syndrome.

(7 marks × 10 = 70 marks)



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# MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2017

SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY

Wednesday, April 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Describe eye involvement in Leprosy

(15 marks)

2. Describe the etiology, clinical features and management of Granuloma Inguinale

(2+8+5 = 15 marks)

3. Write short notes on:

3A. Lepromin test

3B. Bacillary angiomatosis

3C. Thalidomide use in leprosy

3D. Jarisch herxheimer reaction

3E. Animal models in leprosy

3F. Finasteride

3G. Complications of Lymphogranuloma venereum

3H. Newer drugs in leprosy

3I. Laboratory diagnosis of Gonococcal urethritis and management

3J. Indices in leprosy

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2017

SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Thursday, April 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Describe the recent advances in the management of Pemphigus vulgaris.

(15 marks)

2. Describe the clinical features, lab diagnosis and treatment of Dermatomyositis.

(5+5+5 = 15 marks)

3. **Write short notes on:**

3A. Excited skin syndrome

3B. Lipedema

3C. Mycophenolate mofetil

3D. Rituximab

3E. Methicillin Resistant Staphylococcus Aureus

3F. Platelet rich plasma

3G. Malakoplakia

3H. Larva migrans

3I. Leser Trelat sign

3J. Botulinum Toxin

(7 marks × 10 = 70 marks)

