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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**PG DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY (DDVL)**  
**EXAMINATION - APRIL 2019**

**SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY**

Tuesday, April 02, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL questions.**

✍ **Essay questions:**

1. Draw the cut section of the hair at the level of hair bulb. Add a note on hair cycle. (15 marks)
  
2. Describe the structure of dermis. Add a note on microabscesses in dermatology. (15 marks)

3. **Short Notes:**

- 3A. What are pigmentary demarcation lines? Describe the types.
- 3B. Write shortly on the Structure of Langerhan's cell. Name some diseases where this cell is implicated in the pathogenesis.
- 3C. What is the ultrstructure of collagen?
- 3D. Lymphatic drainage of male genitalia.
- 3E. Discuss interface dermatitis.
- 3F. Discuss the types of degenaeation seen in skin.
- 3G. Describe dyskeratosis.
- 3H. Discuss the secondary lesions of the skin.
- 3I. Discuss koebner's phenomenon.
- 3J. What is a dermatoscopy?

(7 marks × 10 = 70 marks)



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EXAMINATION - APRIL 2019

SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY, DIAGNOSIS AND THERAPATICS

Wednesday, April 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.

✍ Essay questions.

1. Describe the etiology, clinical features and management of Acrodermatitis enteropathica.  
(3+7+5 = 15 marks)

2. Describe the cutaneous manifestations of Diabetes mellitus.  
(15 marks)

3. **Short Notes:**

3A. Clinical types and management of Tinea capitis

3B. Botulinum Toxin

3C. Cryogens in Dermatology

3D. Berloque dermatitis

3E. Sezary syndrome

3F. Palisading granuloma

3G. Clinical types of Basal cell carcinoma

3H. Contact urticaria

3I. Chloroquine in dermatology

3J. Antinuclear cytoplasmic antibodies (ANCA)

(7 marks × 10 = 70 marks)



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**PG DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY (DDVL)  
EXAMINATION - APRIL 2019**

**SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY**

Thursday, April 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

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

✍ **Draw neat labeled diagrams wherever necessary.**

✍ **Essay questions:**

1. What are the indications for antiretroviral therapy? Describe post exposure prophylaxis. (15 marks)

2. Discuss eye involvement in leprosy. Add a note on management of lagophthalmos. (15 marks)

3. **Write short answers:**

3A. Discuss Amsel's and Nugent's criteria.

3B. What are the treatment modalities for genital warts? How is sub clinical HPV infection diagnosed?

3C. Zidovudine – Indications, mechanism of action and side effects.

3D. Discuss the methods for identifying sub clinical infection in Hansen's disease.

3E. Discuss the differences between reversal reaction and relapse.

3F. Discuss the etiology, clinical features and treatment of lymphogranuloma venereum.

3G. What are the premalignant lesions of genitalia? Describe the clinical features of Buschke-Lowenstein tumour.

3H. Rifampicin – Discuss mechanism of action, side effects, dosage in Hansen's disease.

3I. Write the WHO classification of leprosy. Discuss the clinical features of borderline leprosy.

3J. Discuss bone changes in leprosy.

(7 marks × 10 = 70 marks)

