

Reg. No.

## MANIPAL UNIVERSITY

DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY (DDVL) EXAMINATION - APRIL 2012

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

Monday, April 02, 2012

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.**

1. What is dermoscopy? Write about its application in dermatology.
2. Describe the anatomy and physiology of the sebaceous gland.
3. Discuss the ultrastructural details of melanocyte and enumerate its functions.
4. Describe the process of keratinization of skin.
5. Discuss the function and structure of a Langerhans cell with the help of a diagram.
6. What is interface dermatitis? Add a note on Civatte bodies.
7. Describe the anatomy of prostate gland and write a note on prostatic fluid.
8. Name the various special stains and their application in Dermatology.
9. What is the role of Toll like receptors and matrix metalloproteinases in Dermatology?
10. Describe the various tests to determine the venous incompetency of lower limbs.

(10×10 = 100 marks)



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

Tuesday, April 03, 2012

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.**

1. Actinomycosis.
2. Lamellar Ichthyosis.
3. Lipoid proteinosis.
4. Paraneoplastic Pemphigus.
5. Role of diet in dermatology.
6. Henoch- schonlein purpura.
7. Diagnostic criteria of atopic dermatitis.
8. Para Psoriasis.
9. Painful skin tumours.
10. Physical urticarias.

(10×10 = 100 marks)



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DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY (DDVL) EXAMINATION - APRIL 2012

SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY

Wednesday, April 04, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer all questions.**
- ✍ **Your answers should be specific to the questions asked.**
- ✍ **Draw neat labeled diagrams wherever necessary.**
1. What are the indications for antiretroviral therapy? Describe post exposure prophylaxis.  
(5+5 = 10 marks)
  2. Discuss Amsel's criteria.  
(10 marks)
  3. What are the treatment modalities for genital warts? How is sub clinical HPV infection diagnosed?  
(6+4 = 10 marks)
  4. Zidovudine – Indications, mechanism of action and side effects.  
(10 marks)
  5. Discuss the methods for identifying sub clinical infection in Hansen's disease.  
(10 marks)
  6. Discuss the differences between reversal reaction and relapse.  
(10 marks)
  7. Discuss the etiology, clinical features and treatment of lymphogranuloma venereum.  
(10 marks)
  8. What are the cardinal signs of leprosy? Describe the clinical features and histopathology of midborderline (BL) leprosy.  
(3+7 = 10 marks)
  9. Discuss eye involvement in leprosy. Add a note on treatment of lagophthalmos  
(6+4 = 10 marks)
  10. Rifampicin – Discuss mechanism of action, side effects, dosage and clinical effects in Hansen's disease.  
(10 marks)

