

**MANIPAL UNIVERSITY**

MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER I: BASIC SCIENCES

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Draw the structure of a melanocyte and discuss the pathogenesis of Vitiligo.  
(5+5 = 10 marks)
2. Langerhan's cell.  
(10 marks)
3. Outline the steps of elastic fiber synthesis.  
(10 marks)
4. Treponema Pallidum.  
(10 marks)
5. Barrier function of the skin.  
(10 marks)
6. Gardner's syndrome.  
(10 marks)
7. 'Collodion' baby.  
(10 marks)
8. Trace the pathway of itching. How do you investigate a 65 year old patient with generalized pruritus?  
(4+6 = 10 marks)
9. What are the skin hazards of swimming?  
(10 marks)
10. Naevus sebaceous of Jadassohn.  
(10 marks)



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**SUBJECT: PAPER II: DERMATOLOGY**

Thursday, April 02, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the histological differential diagnosis of Sweet's syndrome. (10 marks)
2. What is the etiopathogenesis of Cicatricial pemphigoid? (10 marks)
3. Discuss congenital circumscribed hypermelanosis. (10 marks)
4. What are the clinical features of traumatic nail disorders? (10 marks)
5. Discuss differential diagnosis of congenital naevomelanocytic naevus. (10 marks)
6. What is the etiopathogenesis of Atopic dermatitis? (10 marks)
7. Classify and describe skin tuberculosis. (3+7 = 10 marks)
8. Write a short essay on flushing disorders. (10 marks)
9. Describe histopathology of Porokeratosis and Darier's disease. (5+5 = 10 marks)
10. Discuss progressive pigmentary purpuric dermatoses. (10 marks)



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

Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ☞ **Answer ALL the questions.**  
☞ **All questions carry TEN marks each.**

1. Management of Neuritis in leprosy.
2. Newer drug regimens in the treatment of leprosy.
3. Relapse and late reversal reaction.
4. Unstable leprosy.
5. Differential diagnosis of lepromatous leprosy.
6. Inguinal syndrome.
7. Immune reconstitution inflammatory syndrome.
8. Vaginal microflora and its significance.
9. Laboratory diagnosis of early syphilis.
10. S.T.D. and oncogenicity.



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SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Saturday, April 04, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL the questions.**  
✍ **All questions carry TEN marks each.**

1. Narrowband UVB therapy.
2. Management of acne scars.
3. Kojic acid.
4. Chemical peels.
5. Male pattern baldness in females.
6. Management of ingrown toe nail.
7. Hair dyes and colorants.
8. Guidelines in Botox therapy.
9. Tissue expanders.
10. Camouflage therapy.

