

MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2013
SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY

Tuesday, April 02, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions. Each question carries TEN marks.

1. Discuss the gross anatomy of the nail unit.
2. Describe the various histopathological types of pustules and abscesses.
3. Describe the anatomy of the hair follicle.
4. Explain drug interactions in dermatologic therapy with suitable examples.
5. Classify vehicles used in topical therapy with examples. What is finger tip unit and rule of hand guide?
6. Describe the various laboratory tests done in case of purpura.
7. Discuss normal pigmentation, racial variation and response to sun exposure.
8. Discuss the pathway of heme synthesis.
9. Describe the appearance of neonatal skin.
10. Describe the normal skin flora and add a note on skin and defense.



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SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Wednesday, April 03, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Classify Onychomycosis. Discuss management of Onychomycosis.
(5+5 = 10 marks)
2. Discuss various causes of generalized hypermelanosis.
(10 marks)
3. Discuss D/D of vesicular lesions in a neonate. Add a note on Staphylococcal scalded skin syndrome.
(5+5 = 10 marks)
4. Classify alopecias. Write a note on treatment of alopecia areata.
(5+5 = 10 marks)
5. Write a note on pathogenesis of Allergic contact dermatitis. What is baboon syndrome?
(5+5 = 10 marks)
6. Discuss psoriatic arthritis and its management.
(5+5 = 10 marks)
7. Describe histopathology of Lichen planus. What is Graham-Little syndrome?
(5+5 = 10 marks)
8. Discuss laboratory diagnosis of scleroderma. What is CREST syndrome?
(5+5 = 10 marks)
9. What are the cutaneous features of sarcoidosis? Discuss investigations and management of sarcoidosis.
(5+5 = 10 marks)
10. Describe cutaneous markers of internal malignancies.
(5+5 = 10 marks)



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SUBJECT: PAPER III: VENEREOROLOGY AND LEPROSY

Thursday, April 04, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss the animal models used in leprosy research. Briefly write on nude mice.
(5+5 = 10 marks)
2. Discuss various classifications in leprosy and describe Ridley Jopling classification.
(5+5 = 10 marks)
3. How is the eye involved in leprosy? How will you manage lagophthalmos?
(5+5 = 10 marks)
4. **Write short notes on:**
a) Clofazimine b) ROM therapy
(5+5 = 10 marks)
5. **Discuss:**
a) Deformity b) Disability in leprosy
(5+5 = 10 marks)
6. Describe lymphatic drainage of female genitalia. What is esthiomine?
(5+5 = 10 marks)
7. **Write short notes on:**
a) Tyson's gland b) Bartholin's gland
(5+5 = 10 marks)
8. **Write short notes on:**
a) Haemophilus ducreyi b) Treatment of chancroid
(5+5 = 10 marks)
9. Classify spirochetes. Describe structure of treponema pallidum.
(5+5 = 10 marks)
10. Describe the clinical features of donovanosis. How will you treat it?
(5+5 = 10 marks)



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SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE

Friday, April 05, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss the approach to a lady with recurrent finger tip ulceration. (10 marks)
2. How will you manage a patient with white nails? Add a note on Amorolfine. (5+5 = 10 marks)
3. Discuss the use of fractional laser in dermatology. (10 marks)
4. Discuss your approach to a case with oral white lesions. (10 marks)
5. Write briefly on interaction between pregnancy and SLE. Add a note on neonatal lupus. (5+5 = 10 marks)
6. Describe the clinical features of body dysmorphic disorders. (10 marks)
7. Write briefly on advances in vitiligo surgery. Add a note on Excimer laser. (7+3 = 10 marks)
8. Discuss indications, treatment protocol, pre and post treatment protocols for biologicals in the treatment of psoriasis. (3+3+2+2 = 10 marks)
9. Enumerate severe cutaneous adverse reactions. Discuss acute generalized exanthematous pustulosis. (4+6 = 10 marks)
10. Write briefly on cutaneous manifestation of hepatic diseases. Add a note on the management of hepatic pruritus. (6+4 = 10 marks)

