

MARCH 2007

[KQ 1526]

Sub. Code : 3070

**DIPLOMA IN DERMATOLOGY, VENERELOGY,
LEPROSY EXAMINATION.**

**Paper I — BASIC SCIENCES IN RELATION TO THE
SPECIALITY**

(Common to candidates admitted from 1993–94 onwards
and candidates admitted from 2004–05 onwards)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

- (1) Discuss laboratory diagnosis of leprosy. (20)
- (2) Discuss basic pathologic reactions of the skin. (15)
- (3) Describe the structure, development and function of a nail unit. (15)

II. Write short notes :

(6 × 5 = 30)

- (a) Cytomegalovirus.
- (b) Tacrolimus.
- (c) Biology of *Neisseria gonorrhoeae*.
- (d) Cranial nerves in leprosy.
- (e) HIV vaccine.
- (f) Principles of topical therapy.

MARCH 2008

[KS 1526]

Sub. Code : 3074

DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY
EXAMINATION.

Paper I — BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P. Code 343074

Common to all candidates

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Write Section A and B Separately.

SECTION A — (62 marks)

DERMATOLOGY AND LEPROSY

- I. Essay : (1 × 20 = 20)
1. Describe in detail the pathogenesis, clinical features and management of Erythroderma.
- II. Short notes : (7 × 6 = 42)
1. Arsenical Keratosis.
 2. Cicatricial pemphigoid.
 3. Darier's disease.
 4. Zinc deficiency.
 5. Epidemiology of leprosy.
 6. Histoid leprosy.
 7. Bone changes in Leprosy.

SECTION B — (38 marks)

VENEREOLOGY

- I. Essay : (1 × 20 = 20)
1. Describe in detail the pathogenesis clinical features and management of secondary syphilis.
- II. Short notes : (3 × 6 = 18)
1. Clue cells.
 2. Nevirapine.
 3. Types of Chancroid.
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September 2008

[KT 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY EXAMINATION.**

Paper I – BASIC SCIENCES IN RELATION TO THE SPECIALITY

(Common to all Candidates)

Q.P. Code : 343074

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagram wherever necessary.

(Answer Section A & B Separately)

SECTION - A

(DERMATOLOGY & LEPROSY)

I. Essay question :

(1 X 20 = 20)

1. Describe in detail the pathogenesis, clinical features and management of toxic epidermal necrolysis.

II. Write short notes on :

(7 X 6 = 42)

1. Bowen's disease.
2. Pellagra.
3. Dermatitis Herpetiformis.
4. Bone changes in leprosy.
5. Ultra structure of M.Leprae.
6. Granuloma annulare.
7. Cutis laxa.

SECTION - B

(VENEREOLOGY)

I. Essay question :

(1 X 20 = 20)

1. Describe in detail the aetiology, pathogenesis, clinical features and management of reiter's syndrome.

II. Write short notes on :

(3 X 6 = 18)

1. Genital Herpes.
 2. Efavirenz.
 3. Bacterial Vaginosis.
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MARCH -2009

[KU 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY EXAMINATION.**

**Paper I – BASIC SCIENCES IN RELATION TO THE SPECIALITY
(Common to all Candidates)**

Q.P. Code : 343074

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagram wherever necessary.

(Answer Section A & B Separately)

SECTION A

(DERMATOLOGY & LEPROSY)

I. Essay question : (1 X 20 = 20)

1. Describe in detail cellular adhesion molecules in relation to the epidermis.

II. Write short notes on : (7 X 6 = 42)

1. Mouse foot pad inoculation.
2. HLA in dermatology.
3. Immunoglobulins in dermatology.
4. Principles of topical therapy.
5. Nerve and blood supply of skin.
6. Relapse in leprosy.
7. LE cell phenomenon.

SECTION B

(VENEREOLOGY)

I. Essay question : (1 X 20 = 20)

1. Discuss anatomy and lymphatic drainage of male genitalia.

II. Write short notes on : (3 X 6 = 18)

1. Changing STI trends in India.
2. Perspeculum examination.
3. Laboratory diagnosis of syphilis.

September - 2009

[KV 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY EXAMINATION.**

Paper I – BASIC SCIENCES IN RELATION TO THE SPECIALITY

(Common to all Candidates)

Q.P. Code : 343074

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagram wherever necessary.

(Answer Section A & B Separately)

SECTION A

(DERMATOLOGY & LEPROSY)

I. Essay question : (1 X 20 = 20)

1. Discuss cytokines in dermatology.

II. Write short notes on : (7 X 6 = 42)

1. Primates in leprosy.
2. Mosaicism.
3. Diet in dermatology.
4. Interface dermatitis.
5. Thermoregulation.
6. Vaccines in leprosy.
7. Lupus band test.

SECTION B

(VENEREOLOGY)

I. Essay question : (1 X 20 = 20)

1. Discuss anatomy and lymphatic drainage of female genitalia.

II. Write short notes on : (3 X 6 = 18)

1. Homo sexuality.
2. National overview of HIV/AIDS epidemic.
3. Drug resistance in sexually transmitted diseases.

March 2010

[KW 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY
AND LEPROSY EXAMINATION
BASIC SCIENCES IN RELATION TO THE SPECIALITY
(Common to all Candidates)**

Q.P. Code : 343074

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

(Answer Section A & B Separately)

SECTION A

(DERMATOLOGY & LEPROSY)

I. Essay question :

(1 x 20 = 20)

1. Describe the clinical features, histopathology and management of lichen planus.

II. Write short notes on :

(7 x 6 = 42)

1. Prenatal diagnosis.
2. Lupus band test
3. Down's syndrome.
4. Fish tank granuloma.
5. Slit skin smear.
6. Foot drop.
7. Structure of Mycobacterium leprae.

**SECTION B
(VENEREOLOGY)**

I. Essay question :

(1 x 20 = 20)

1. Describe the pathogenesis and genital complications of lymphogranuloma venereum in a female, adding a note on its management.

II. Write short notes on :

(3 x 6 = 18)

1. VDRL test.
2. Zidovudine.
3. Genital scabies.

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY (D.D.V.L) EXAMINATION.**

**Part I for Candidates admitted upto 2003-04 & Candidates admitted
from 2008-09 onwards**

And

Paper I for Candidates admitted from 2004-05 to 2007-08

BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P. Code : 343074

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagram wherever necessary.

(Answer Section A & B Separately)

SECTION A

(DERMATOLOGY & LEPROSY)

I. Essay question :

(1 X 20 = 20)

1. Describe the structure of Hair and Discuss the hair growth cycle in detail.

II. Write short notes on :

(7 X 6 = 42)

1. Erythroderma.
2. Keratinization.
3. Nerve conduction study.
4. Management of repeated reactions in Leprosy.
5. Cutaneous Flora.
6. Porokeratosis.
7. Laboratory Diagnosis of Leprosy.

SECTION B

(VENEREOLOGY)

I. Essay question :

(1 X 20 = 20)

1. Describe in detail the CDC classification, pathogenesis, clinical features and management of HIV infections.

II. Write short notes on :

(3 X 6 = 18)

1. Stigmata of Congenital Syphilis.
2. Papilloma Virus.
3. Disseminated Gonococcal Infection.

APRIL 2011

[KY 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY (DDVL) EXAMINATION**

BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P. Code : 343074

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

(Answer Section A & B Separately)

SECTION A

(DERMATOLOGY & LEPROSY)

I. Elaborate on :

1. Discuss the embryology and structure of Pilo sebaceous unit.

Pages (Max.)	Time (Max.)	Marks (Max.)
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11	35	15
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II. Write notes on :

1. Acantholysis.
2. Barrier function of skin.
3. Dermatophytes.
4. Topical retinoids.
5. Nerve biopsy in leprosy.
6. Mycobacterium leprae.
7. Drug resistance in leprosy.

4	10	7
4	10	7
4	10	7
4	10	7
4	10	7
4	10	7
4	10	7

**SECTION B
(VENEREOLOGY)**

I. Elaborate on :

1. Discuss the anatomy and lymphatic drainage of female genitalia.

11	35	15
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II. Write notes on :

1. Herpes simplex virus.
2. Prostatic fluid.
3. Newer antiretroviral drugs.

4	10	7
4	10	7
4	10	7

October 2011

[KZ 1526]

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND LEPROSY (DDVL)
EXAMINATION**

BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P. Code : 343074

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

**Answer ALL questions in the same order.
(Answer Section A & B Separately)**

**SECTION A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on :

1. Define granuloma. Give a histopathological account of a various types of granulomatous infiltrates.

Pages (Max.) Time (Max.) Marks (Max.)

11 35 min. 15

II. Write notes on :

1. Discuss the protective functions of skin.
2. Describe melanogenesis in detail.
3. Discuss the significance of acantholytic cells in Tzanck smear.
4. Mention the indications in dermatology and the side effects of Mycophenolate mofetil.
5. Describe the histopathological features of Borderline Leprosy.
6. Describe the immunology of Type 2 Lepra reaction.
7. What are the indications and complications of Clofazamine?

4 10 min. 7
4 10 min. 7
4 10 min. 7
4 10 min. 7
4 10 min. 7
4 10 min. 7
4 10 min. 7

**SECTION B
(VENEREOLOGY)**

I. Elaborate on :

1. Describe the anatomy and physiology male genital system.

11 35 min. 15

II. Write notes on :

1. Draw and label Human immunodeficiency virus.
2. Mention the organisms causing Urethral discharge in men. Discuss laboratory methods to identify them.
3. Discuss the management of genital warts.

4 10 min. 7
4 10 min. 7
4 10 min. 7

[LA 1526]

April 2012

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY (DDVL) EXAMINATION
BASIC SCIENCES IN RELATION TO THE SPECIALITY
Q.P. Code : 343074**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

**Answer ALL questions in the same order.
(Answer Section A & B Separately)**

**SECTION A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the microanatomy of Melanocytes and process of Melanogenesis	16	35	15

II. Write notes on :

1. What are Dyskeratotic cells and the conditions associated with dyskeratotic cells.	4	10	7
2. Normal flora of the skin and their role and factors modifying it.	4	10	7
3. What are Emulsions and how are they prepared and their uses.	4	10	7
4. What are the thermoregulatory functions of the skin?	4	10	7
5. What are the Immunological factors involved in Lepromatous Leprosy.	4	10	7
6. Explain the procedure of Slit Skin Smear and write about Bacterial Index in Leprosy.	4	10	7
7. What is ROM therapy and its indications and demerits.	4	10	7

**SECTION B
(VENEREOLOGY)**

I. Elaborate on :

1. Lymphatic drainage of female genitalia and its importance.	16	35	15
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II. Write notes on :

1. Classification of Spirochetes and describe the biology of Treponema pallidum.	4	10	7
2. Role of PEP drugs and its importance.	4	10	7
3. Histology of Aorta and pathogenesis of CVS syphilis.	4	10	7

[LB1526]

OCTOBER 2012

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY (DDVL) EXAMINATION**

BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P.Code: 343074

**Time: 3 hours
(180 Min)**

Maximum: 100 marks

**ANSWER ALL QUESTIONS IN THE SAME ORDER
(ANSWER SECTION A & B SEPARATELY)**

**SECTION – A
(DERMATOLOGY & LEPROSY)**

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Explain in detail about structure & function of Langerhan cell.	16	35	15
II. Write Notes on:			
1. Anti-neutrophil cytoplasmic antibodies.	4	10	7
2. What are the stains used for amyloidosis and write a brief note on principle of polarizing microscope.	4	10	7
3. Write a note on Cream, Lotion, Ointment & Gel.	4	10	7
4. Explain the procedure of Tzanck smear and write about Acantholytic cells.	4	10	7
5. Calcineurin inhibitors.	4	10	7
6. Explain various invitro viability methods of M.Leprae.	4	10	7
7. Management of Trophic ulcers.	4	10	7

**SECTION – B
(VENEROLOGY)**

I. Elaborate on :			
1. Classify AntiRetroviral Drugs and Discuss in detail about commonly used antiretroviral drugs	16	35	15
III. Write Notes on:			
1. IMIQU IMOD	4	10	7
2. Darter Thomas Test	4	10	7
3. Histopathology of Chancroid and Gumma.	4	10	7

(LC 1526)

APRIL 2013

Sub. Code: 3074

**DIPLOMA IN DERMATOLOGY, VENEROLOGY AND
LEPROSY (DDVL) EXAMINATION**

BASIC SCIENCES IN RELATION TO THE SPECIALITY

Q.P.Code: 343074

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on:

(1X15=15)

1. Draw & write in detail about dermal epidermal junction.

II. Write notes on:

(7X7=49)

1. Anti-nuclear antibody
2. Mechanism of melanin production.
3. Classify chemical sunscreens and define Sun Protection factor.
4. Pseudoepitheliomatous hyperplasia
5. Composition of sebum
6. Clinical features and histopathology of histoid leprosy
7. Clofazamine

**SECTION – B
(VENEROLOGY)**

I. Elaborate on:

(1X15=15)

1. Explain about structure of HIV with a diagram and give a brief account on Lab diagnosis of HIV.

II. Write notes on:

(3X7=21)

1. Clue cells
2. Lymphatic drainage of male genitalia
3. Podophyllin.

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY AND
LEPROSY (DDVL) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO THE DERMATOLOGY,
VENEREOLOGY AND LEPROSY**

Q.P.Code: 343074

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

(DERMATOLOGY & LEPROSY)

I. Elaborate on:

(1X15=15)

1. Discuss the role of cytodagnosis in Dermatology.

II. Write notes on:

(7X7=49)

1. Describe woods lamp examination. Mention its uses.
2. Mechanism of action, dose & side effects of Fluconazole.
3. Barrier function of skin.
4. Animal models in Leprosy.
5. Parakeratosis in various conditions.
6. Ichthyosis in Leprosy.
7. Discuss social implications of Leprosy.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1X15=15)

1. Classify Antiretroviral drugs. Describe the side effects. Discuss the initiation of therapy in a patient with HIV infection.

II. Write notes on:

(3X7=21)

1. Sex and cervical cancer.
2. Lab diagnosis of Syphilis.
3. Discuss Erectile function.
