

MARCH 2007

[KQ 1526]

Sub. Code : 3070

**DIPLOMA IN DERMATOLOGY, VENEREOLOGY,
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.

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 :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the embryology and structure of Pilo sebaceous unit.	11	35	15

II. Write notes on :

1. Acantholysis.	4	10	7
2. Barrier function of skin.	4	10	7
3. Dermatophytes.	4	10	7
4. Topical retinoids.	4	10	7
5. Nerve biopsy in leprosy.	4	10	7
6. Mycobacterium leprae.	4	10	7
7. Drug resistance in leprosy.	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.	4	10	7
2. Prostatic fluid.	4	10	7
3. Newer antiretroviral drugs.	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 Leprosy 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
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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

**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 cytodiagnosis 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.

**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: (1 x 15 = 15)

1. Discuss in detail the various mechanism of blister formation in the skin.
Describe the role of Direct immunofluorescence and Immunoelectron mapping in the diagnosis of blistering dermatosis.

II. Write notes on: (7 x 7 = 49)

1. Physiology of sweating.
2. Sarcoidal granuloma.
3. Epidermolytic hyperkeratosis.
4. Grenz zone.
5. ANCA (Anti Neutrophil Cytoplasm Antibody).
6. Role of cell mediated immunity in leprosy.
7. Glomus tumor.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Describe microbiological features of Treponema pallidum and discuss the serological diagnosis of syphilis.

II. Write notes on: (3 x 7 = 21)

1. Normal vaginal flora.
2. Prostatic fluid.
3. Fusion inhibitors.

[LH 1526]

OCTOBER 2015

Sub. Code: 3074

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:

(1 x 15 = 15)

1. Describe in detail the embryology, histology and cycle of human hair.

II. Write notes on:

(7 x 7 = 49)

1. Draw and label structure of nail.
2. Mast cell.
3. Thalidomide.
4. Dyskeratosis.
5. Prenatal diagnosis of genodermatosis.
6. Epidemiology of leprosy.
7. Tuberculoid granuloma.

SECTION – B

(VENEREOLOGY)

I. Elaborate on:

(1 x 15 = 15)

1. Anatomy and physiology of male genital organ.

II. Write notes on:

(3 x 7 = 21)

1. Treponema pallidum.
2. Protease inhibitors.
3. Bartholin gland.

**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:

(1 x 15 = 15)

1. Discuss about the commonly used biopsy techniques and the various conditions where they are used. Enumerate the cells present in epidermis and write briefly about their functions.

II. Write notes on:

(7 x 7 = 49)

1. Fibroblasts.
2. Innervation of skin.
3. Acantholysis.
4. Clofazimine.
5. Microbiology of lepra bacilli.
6. Normal flora of skin.
7. Pellagra.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Discuss about the microbiology of HIV and various test used to diagnose HIV infection.

II. Write notes on:

(3 x 7 = 21)

1. Trichomonas Vaginalis.
2. Histo pathology of Chancroid.
3. Cerebrospinal fluid changes in Syphilis.

**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: (1 x 15 = 15)

1. Discuss in detail about the embryology, microanatomy and functions of Melanocytes.

II. Write notes on: (7 x 7 = 49)

1. Immune functions of Keratinocytes.
2. Basement membrane zone.
3. Spongiosis.
4. Zeihl Neelson staining.
5. Composition of sebum.
6. Infiximab.
7. Odland bodies.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Classify antiretroviral drugs. Discuss about their side effects, indications and contraindications.

II. Write notes on: (3 x 7 = 21)

1. Chlamydia trachomatis.
2. Structure of HIV.
3. Lymphatic drainage of testis.

(LK 1526)

MAY 2017

Sub. Code:3074

**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: (1 x 15 = 15)

1. Discuss the itch pathway and mediators of itch in skin diseases.

II. Write notes on: (7 x 7 = 49)

1. Eosinophilic spongiosis.
2. Trichilemmal keratinization.
3. Normal skin flora.
4. Langerhans' cell.
5. Cyclosporine.
6. Role of keratinocytes in immune response.
7. Ultra structure of *Mycobacterium leprae*.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Classify Human Herpes virus. Discuss in detail the systemic antivirals in the treatment of Genital herpes infection.

II. Write notes on: (3 x 7 = 21)

1. Human papilloma virus.
2. Peri urethral glands.
3. Imiquimod.

**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: (1 x 15 = 15)

1. Write down the steps of slit skin smear for acid fast bacilli staining in leprosy. Write in detail the various grading methods of slit skin smear.

II. Write notes on: (7 x 7 = 49)

1. Langerhans cell.
2. Blood supply of skin.
3. Dapsone.
4. Granulomas in skin.
5. Pityrosporum ovale.
6. Mechanism of sweating.
7. Urine examination in porphyria.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Enumerate the various Treponemal organisms causing sexually transmitted diseases. Discuss the various diagnostic tests used for syphilis.

II. Write notes on: (3 x 7 = 21)

1. Structure of penis.
2. Histopathology of genital wart.
3. Vaginal secretions.

**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: (1 x 15 = 15)

1. Describe in detail with diagrams the embryology and structure of melanocytes and the steps involved in melanogenesis.

II. Write notes on: (7 x 7 = 49)

1. Desmosomes.
2. Approach to a patient with hair loss.
3. Sebaceous gland and sebum.
4. Patch test.
5. Special stains in dermatology.
6. Serodiagnosis of leprosy.
7. Thalidomide.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Describe the structure of human immunodeficiency virus with a diagram.
Discuss in detail the laboratory diagnosis of HIV infection.

II. Write notes on: (3 x 7 = 21)

1. Bartholin glands.
2. Podophyllin.
3. Venereal causes of lymphadenopathy.

**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:

(1 x 15 = 15)

1. With a neat diagram depict the structural changes seen in keratinocytes as they migrate from the stratum basale to the stratum corneum. Describe in detail the formation of the stratum corneum in relation to its barrier function.

II. Write notes on:

(7 x 7 = 49)

1. Cutaneous innervation.
2. Giant cells.
3. Multidrug therapy of leprosy.
4. Immunofluorescence methods.
5. Nail unit – structure and biology.
6. Normal effects of ultraviolet radiation on skin.
7. Isomorphic and isotopic responses.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Describe the anatomy of the female genitalia. How will you evaluate a sexually active female with vaginal discharge?

II. Write notes on:

(3 x 7 = 21)

1. Histopathology of chancre and chancroid.
2. Chlamydia trachomatis.
3. HPV vaccines.

**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: (1 x 15 = 15)

1. Write in detail the structure of Langerhans cell with suitable diagram. Explain the various immunological functions of Langerhans cell with examples.

II. Write notes on: (7 x 7 = 49)

1. Melanocytes.
2. Nerve supply of skin.
3. Clofazimine.
4. Histopathology of borderline leprosy.
5. Sarcoptes scabii.
6. Thermoregulation.
7. Microscopy of hair in Tinea capitis.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Enumerate and discuss the various organisms causing Genital Ulcer disease. Briefly explain the diagnostic tests used in GUD.

II. Write notes on: (3 x 7 = 21)

1. Western blot technique.
2. Histopathology of chancre.
3. Blue kit.

[LQ 1526]

**AUGUST 2020
(MAY 2020 SESSION)**

Sub. Code: 3074

**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: (1 x 15 = 15)

1. Elastic fibers explain about pseudo xanthoma elasticum

II. Write notes on: (7 x 7 = 49)

1. Skin biopsy techniques.
2. Odland bodies.
3. Embryology of epidermis.
4. Interface dermatitis.
5. Immuno-histochemical markers for melanocytes.
6. Topical Vitamin D3 analogues.
7. Laboratory diagnosis of cutaneous tuberculosis.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on: (1 x 15 = 15)

1. Write the causes and management of erectile dysfunction in detail

II. Write notes on: (3 x 7 = 21)

1. Management of pediatric – HIV.
2. Prostatic massage.
3. Colloid gold curve and its significance.

[LS 1526]

**NOVEMBER 2020
(OCTOBER 2020 SESSION)**

Sub. Code: 3074

**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:

(1 x 15 = 15)

1. Discuss the various molecular components of the epidermal basement zone and its role in various cutaneous blistering disorders.

II. Write notes on:

(7 x 7 = 49)

1. Cutaneous stem cells.
2. Role of indirect immunofluorescence in diagnosis of blistering disorders.
3. Psoriasiform dermatitis.
4. Immunohistochemical markers for histiocytes.
5. Topical retinoids.
6. Mediators of pruritus.
7. Laboratory diagnosis of sporotrichosis.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Discuss in detail the etiology, management of balanoposthitis in an adult male.

II. Write notes on:

(3 x 7 = 21)

1. Pre exposure prophylaxis
2. Dartner Thomas concept.
3. Immuno therapy of warts.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(DDVL 1223)

DECEMBER 2023

Sub. Code: 3074

(OCTOBER 2023 EXAM SESSION)

**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:

(1 x 15 = 15)

1. Write Ridley-Jopling classification of Leprosy. Explain bacteriological Immunological and Pathological features of Leprosy and Lepra Reactions.

II. Write notes on:

(7 x 7 = 49)

1. Dermo Epidermal Junction.
2. Sebaceous gland.
3. Melanogenesis
4. Th₁ and Th₂ Paradigm in Dermatology.
5. Pseudomonas and Skin.
6. Micro Abscesses.
7. Biologicals.

**SECTION – B
(VENEREOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Draw the Structure of HIV Virus.

II. Write notes on:

(3 x 7 = 21)

1. Tyson's gland.
2. Bacterial vaginosis.
3. Black kit.
