

(LD 2093)

OCTOBER 2013

Sub. Code: 2093

M.D. DEGREE EXAMINATION

**BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
APPLIED BASIC SCIENCES**

Q.P.Code: 202093

Time: Three Hours

Maximum: 100 marks

(ANSWER SECTION A & B SEPARATELY)

SECTION – A

DERMATOLOGY AND LEPROSY

Write notes on:

I. ANATOMY

(2X5=10)

1. Langerhan cells-structure and functions.
2. Weibel Palade bodies.

II. PHYSIOLOGY

(2X5=10)

1. Functions of Merkel cells.
2. Functions of Glomus body.

III. BIO-CHEMISTRY

(2X5=10)

1. Sweat composition.
2. Antimicrobial Peptides.

IV. PHARMACOLOGY

(2X5=10)

1. Etanercept.
2. Clofazamine.

V. MICROBIOLOGY

(2X5=10)

1. Mycobacterium leprae – structure.
2. Borrelia and skin.

VI. PATHOLOGY

(2X5=10)

1. Different types of Biopsy and its indications.
2. Acantholysis-definition and types.

SECTION B

VENEREOLOGY

I. ANATOMY

(2X5=10)

1. Bartholin glands anatomy and histology.
2. Pearly Penile Papules and its differential diagnosis.

II. PHYSIOLOGY

(2X5=10)

1. Physiological Vaginal discharge.
2. Physiological Urethral discharge.

III. BIO-CHEMISTRY

(1X5=5)

1. Cerebrospinal fluid changes in syphilis.

IV. PHARMACOLOGY

(1X5=5)

1. Anti Retroviral Therapy.

V. MICROBIOLOGY

(1X5=5)

1. Structure of HIV.

VI. PATHOLOGY

(1X5=5)

1. Histopathology of condyloma acuminata.
