

(LE 2093)

APRIL 2014

Sub. Code:2093

**M.D. DEGREE EXAMINATION
BRANCH XX – DERMATOLOGY, VENERELOGY 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. Dermoepidermal junction
2. Sweat glands.

II. PHYSIOLOGY: (2X5=10)

1. Epidermal cell kinetics.
2. Melanocytes.

III. BIO-CHEMISTRY: (2X5=10)

1. Adhesion molecules.
2. Toll like receptors.

IV. PHARMACOLOGY: (2X5=10)

1. Topical Corticosteroids.
2. Azathioprine

V. MICROBIOLOGY: (2X5=10)

1. Pediculosis capitis.
2. Herpes virus classification.

VI. PATHOLOGY: (2X5=10)

1. Direct and Indirect Immunofluorescence.
2. Histopathology of Psoriasis

SECTION B – VENERELOGY

I. ANATOMY: (2X5=10)

1. Littres glands anatomy and function
2. Nabothian follicle and its significance.

II. PHYSIOLOGY: (2X5=10)

1. Argyl Robertsons pupil.
2. Testes and its functions.

III. BIO-CHEMISTRY: (2X5=10)

1. Nugents score.

IV. PHARMACOLOGY: (1X5=5)

1. Imiquimod.

V. MICROBIOLOGY: (1X5=5)

1. Difference between HIV 1 & HIV 2

VI. PATHOLOGY: (1X5=5)

1. Draw Greenblat & Pund cell and describe its significance.
