

(LC 2093)

APRIL 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

**SECTION – A
DERMATOLOGY AND LEPROSY**

Write notes on:

I. ANATOMY (2X5=10)

1. Structure and functions of eccrine gland.
2. Ultra structure of Langerhan cell and its functions

II. PHYSIOLOGY (2X5=10)

1. Discuss on function and contents of sebum.
2. Physiology and applied aspects of percutaneous absorption.

III. BIO-CHEMISTRY (2X5=10)

1. Biochemical changes in alkaptanuria.
2. Biochemical tests in porphyria cutanea tarda.

IV. PHARMACOLOGY (2X5=10)

1. Discuss the types of sunscreens and add a note on sun protection factor
2. D-penicillamine in dermatology

V. MICROBIOLOGY (2X5=10)

1. Role of streptococcus in dermatology.
2. Organisms causing bacillary angiomatosis and clinical features.

VI. PATHOLOGY (2X5=10)

1. Dermatological entities with civatte bodies.
2. Define acantholysis and enumerate the conditions with acantholysis.

**SECTION B
VENEREOLOGY**

I. ANATOMY (2X5=10)

1. Explain with diagram the histology of vagina.
2. Describe Cowper's glands.

II. PHYSIOLOGY (2X5=10)

1. Write about composition and importance of Cerebrospinal fluid.
2. Describe the physiology of Micturition.

III. BIO-CHEMISTRY (1X5=5)

1. Explain in detail the importance of urine examination in sexually transmitted diseases.

IV. PHARMACOLOGY (1X5=5)

1. Write about the mechanisms of action, indications of Foscarnet.

V. MICROBIOLOGY (1X5=5)

1. What is Oxidase test? Write its importance.

VI. PATHOLOGY (1X5=5)

1. What are Koilocytes? Explain with diagram.
