

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

[MD 1223]

DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)

Sub. Code: 2093

M.D. DEGREE EXAMINATION

BRANCH XX – DERMATOLOGY, VENEREOLOGY AND LEPROSY
PAPER I – 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: (2 x 5 = 10)

1. Dermo Epidermal Junction.
2. Merkel cells.

II. PHYSIOLOGY: (2 x 5 = 10)

1. Barrier function of Skin
2. Skin changes in pregnancy.

III. BIO-CHEMISTRY: (2 x 5 = 10)

1. Melanin synthesis.
2. Hemochromatosis.

IV. PHARMACOLOGY: (2 x 5 = 10)

1. Ivermectin.
2. Dapsone

V. PATHOLOGY: (2 x 5 = 10)

1. Acquired perforating dermatosis.
2. Differential diagnosis of a tuberculoid Granuloma.

VI. MICROBIOLOGY: (2 x 5 = 10)

1. Mycobacterium marinum infection.
2. Bacterial and Morphological indices.

SECTION B – VENEREOLOGY

I. ANATOMY: (2 x 5 = 10)

1. Phimosis.
2. Anatomy and Histology of Vagina

II. PHYSIOLOGY: (2 x 5 = 10)

1. CSF examination in STD.
2. Physiological Urethral discharge.

III. BIO-CHEMISTRY: (1 x 5 = 5)

1. TRUST (Toluidine Red Unheated Serum Test)

IV. PHARMACOLOGY: (1 x 5 = 5)

1. Procaine penicillin.

V. PATHOLOGY: (1 x 5 = 5)

1. Histopathology of Gumma.

VI. MICROBIOLOGY: (1 x 5 = 5)

1. Gonococcal culture.
