

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. Langerhan's cells.
 2. Structure of hair.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Skin failure.
 2. Epidermal Cornification.
- III. BIO-CHEMISTRY:** (2 x 5 = 10)
1. Antimicrobial peptides.
 2. Ochronosis.
- IV. PHARMACOLOGY:** (2 x 5 = 10)
1. Linezolid.
 2. Rituximab.
- V. MICROBIOLOGY:** (2 x 5 = 10)
1. Biofilms in dermatology.
 2. Methicillin - resistant Staphylococcus aureus (MRSA).
- VI. PATHOLOGY:** (2 x 5 = 10)
1. Basal cell carcinoma.
 2. Epidermolytic hyperkeratosis.

SECTION B – VENEREOLOGY

- I. ANATOMY:** (2 x 5 = 10)
1. Vagina.
 2. Inguinal Lymph nodes.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Prostatic fluid.
 2. Herpes simplex virus latency.
- III. BIO-CHEMISTRY:** (1 x 5 = 5)
1. CSF in neurosyphilis.
- IV. PHARMACOLOGY:** (1 x 5 = 5)
1. HIV Fusion inhibitors.
- V. MICROBIOLOGY:** (1 x 5 = 5)
1. Antibiotic resistance in gonorrhoea.
- VI. PATHOLOGY:** (1 x 5 = 5)
1. Histopathology of Chancroid.
