

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. Apocrine glands.
2. Hair follicle.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Itch pathway.
2. Chemokines.
- III. BIO-CHEMISTRY:** (2 x 5 = 10)
1. Eccrine sweat.
2. Melanogenesis.
- IV. PHARMACOLOGY:** (2 x 5 = 10)
1. Griseofulvin.
2. Tachyphylaxis.
- V. MICROBIOLOGY:** (2 x 5 = 10)
1. Normal skin flora.
2. Steps of slit skin smear in leprosy.
- VI. PATHOLOGY:** (2 x 5 = 10)
1. Special stains in dermatology.
2. Giant cells.

SECTION B – VENEREOLOGY

- I. ANATOMY:** (2 x 5 = 10)
1. Structure of male urethra.
2. Seminal vesicle.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Physiology of erection.
2. Micturition reflex.
- III. BIO-CHEMISTRY:** (1 x 5 = 5)
1. Prostatic fluid.
- IV. PHARMACOLOGY:** (1 x 5 = 5)
1. Podophyllin.
- V. MICROBIOLOGY:** (1 x 5 = 5)
1. Structure of Trichomonas vaginalis.
- VI. PATHOLOGY:** (1 x 5 = 5)
1. Histopathology of chancroid.
