

[LQ 2093]

AUGUST 2020

Sub. Code: 2093

(MAY 2020 SESSION)

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. Nail apparatus.
2. Draw a neat diagram of basement membrane zone and label its parts.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Physiological changes seen in a full term neonate.
2. Transepidermal water loss.
- III. BIO-CHEMISTRY:** (2 x 5 = 10)
1. Dystrophic calcification.
2. Cryoglobulins.
- IV. PHARMACOLOGY:** (2 x 5 = 10)
1. Tacrolimus.
2. Vancomycin.
- V. MICROBIOLOGY:** (2 x 5 = 10)
1. Normal flora of skin.
2. Grains in mycetoma.
- VI. PATHOLOGY:** (2 x 5 = 10)
1. Splendore Hoespli phenomenon.
2. Necrobiotic granulomas.

SECTION B – VENEREOLOGY

- I. ANATOMY:** (2 x 5 = 10)
1. Bartholin's gland.
2. Epididymis.
- II. PHYSIOLOGY:** (2 x 5 = 10)
1. Erection.
2. Normal vaginal flora.
- III. BIO-CHEMISTRY:** (1 x 5 = 5)
1. Toluidine red unheated serum test.
- IV. PHARMACOLOGY:** (1 x 5 = 5)
1. Role of azithromycin in sexually transmitted infection.
- V. MICROBIOLOGY:** (1 x 5 = 5)
1. Laboratory diagnosis of trichomonas vaginalis.
- VI. PATHOLOGY:** (1 x 5 = 5)
1. Bowenoid papulosis.
