

[LS 105]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

Sub. Code: 2000

M.D. DEGREE EXAMINATION

BRANCH I – GENERAL MEDICINE

PAPER I – APPLIED BASIC SCIENCES IN GENERAL MEDICINE

Q.P. Code: 202000

Time : Three Hours

Maximum : 100 Marks

Write Notes on:

I. ANATOMY:

(4 x 5 = 20)

1. Intrinsic muscles of hand.
2. Spinal cord - Blood supply.
3. Coronary Circulation.
4. Mediastinum.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Brown sequard syndrome.
2. Spinal shock.
3. Physiology of micturition.
4. Functions of Neutrophil .

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Kreb's cycle.
2. Vitamin B12.
3. Dyslipidaemias.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Anti arrhythmic drugs.
2. Stem cell therapy.
3. Insulin analogs.

V. PATHOLOGY:

(3 x 5 = 15)

1. Chronic Myeloid Leukaemia.
2. Rapidly Progressive Glomerular Disease.
3. Malabsorption syndrome.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Serological tests for Systemic Lupus Erythematosus.
2. Hook worm.
3. Zika virus infection.
