

(LM 176)

MAY 2018

Sub. Code: 2070

M.D. DEGREE EXAMINATION
BRANCH XIX – PHYSICAL MEDICINE AND REHABILITATION
PAPER I – APPLIED BASIC SCIENCES RELATING TO PHYSICAL
MEDICINE AND REHABILITATION

Q.P.Code: 202070

Time: Three Hours

Maximum: 100 Marks

Write notes on:

I. ANATOMY **(4 x 5 = 20)**

1. Cruciate ligaments of knee joint.
2. Blood supply of spinal cord.
3. Coronary Circulation.
4. Arches of foot.

II. PHYSIOLOGY **(4 x 5 = 20)**

1. Physiology of swallowing.
2. Neuromuscular transmission.
3. Immunoglobulin.
4. Thermo regulation.

III. BIOCHEMISTRY **(3 x 5 = 15)**

1. Metabolic acidosis.
2. Anaerobic metabolism.
3. Vitamin A.

IV. PHARMACOLOGY **(3 x 5 = 15)**

1. Anti Parkinsonian agents.
2. Anti platelet drugs.
3. Methotrexate.

V. MICROBIOLOGY **(3 x 5 = 15)**

1. Multi drug resistant tuberculosis.
2. Cysticercosis.
3. Dengue fever.

VI. PATHOLOGY **(3 x 5 = 15)**

1. Amyloidosis.
2. Giant cell tumor.
3. Sickle cell anemia.
