

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. Define Mediastinum, divisions of Mediastinum, contents of Superior Mediastinum.
2. Blood supply to Heart.
3. Pyramidal tract.
4. Portal vein.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Cardiac cycle.
2. Physiology of edema formation.
3. Gilbert's syndrome.
4. Continuous murmur.

III. BIO-CHEMISTRY: (3 x 5 = 15)

1. CORI'S cycle or Lactic acid cycle.
2. Vitamin D.
3. Bilirubin metabolism.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Biologicals in treatment of Rheumatoid arthritis.
2. Newer anti epileptic drugs.
3. Amiodarone.

V. PATHOLOGY: (3 x 5 = 15)

1. Pathology of Ulcerative colitis.
2. Renal pathology of Lupus Nephritis.
3. Pathology of Pernicious anemia.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Diagnostic tests for Leptospirosis infection.
2. Herpes simplex virus (HSV I & II).
3. Ziehl Neelson stained slide reporting scale for Myco bacterium tuberculosis.
