

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. Bronchopulmonary segments.
2. Cross section of spinal cord.
3. Liver histology.
4. Circle of Willis.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Coagulation cascade.
2. Hypokalaemia.
3. Liver function tests.
4. Pan systolic murmurs.

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

1. Glycosylated haemoglobin HbA1c.
2. Respiratory alkalosis.
3. Glucose 6 phosphate dehydrogenase deficiency.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Thrombolytic therapy.
2. Alpha 1 agonists.
3. Newer antiepileptic drugs.

V. PATHOLOGY: (3 x 5 = 15)

1. Pathology of kidney in nephrotic syndrome.
2. Pathological changes in stages of lobar pneumonia.
3. Caseation.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Multidrug resistant tuberculosis.
2. Hepatitis D virus.
3. Corona virus infection.
