

M.S. DEGREE EXAMINATION
BRANCH I – GENERAL SURGERY
PAPER I – APPLIED BASIC SCIENCES IN GENERAL SURGERY
Q.P.Code: 222214

Time: Three Hours

Maximum: 100 Marks

Write notes on:

I. ANATOMY:

(4 x 5 = 20)

1. Blood supply of the stomach.
2. Segmental anatomy of the liver.
3. Surgical anatomy of the recurrent laryngeal nerve.
4. Anatomy of the adrenal gland.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Iodine metabolism.
2. Formation of renal stones.
3. Blood coagulation factors.
4. Pathophysiology of shock.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Hyponatremia.
2. Liver function tests.
3. Alkaline phosphatase.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Retroviral drugs.
2. Monoclonal antibodies.
3. Neoadjuvant chemotherapy.

V. MICROBIOLOGY:

(3 x 5 = 15)

1. Hepatitis 'B'.
2. Gas gangrene.
3. Staphylococcus infections.

VI. PATHOLOGY:

(3 x 5 = 15)

1. Trucut biopsy.
2. Tuberculous lymph nodes.
3. Giant cell tumor.
