

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 and development of pancreas
2. Discuss the venous drainage of lower limb
3. Carpel tunnel syndrome
4. Musculature and lymphatic drainage of tongue.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Central venous pressure
2. Hyperbaric oxygen.
3. Fluid management in burns
4. Thyroid hormones

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

1. Hyperkalemia
2. Metabolic Acidosis.
3. Biochemical changes in Obstructive Jaundice.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Neoadjuvant chemotherapy
2. Chemotherapy of melanoma
3. Tranexamic Acid.

V. MICROBIOLOGY: (3 x 5 = 15)

1. Uropathogens
2. Endotoxic shock
3. Clostridium Perfringes.

VI. PATHOLOGY: (3 x 5 = 15)

1. Carcinoma grading and staging.
2. Paraneoplastic syndrome.
3. Immuno histo chemistry.
