

**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 breast.
2. Anatomy of the triangles of neck.
3. Anomalies of cystic duct.
4. Anatomy of the parathyroid glands.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Gastrointestinal peristalsis.
2. Endocrine pancreas.
3. Physiology of salivary secretion.
4. Neurogenic shock.

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

1. Blood urea.
2. Metabolic alkalosis.
3. Renal function tests.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Antithyroid drugs.
2. Tamoxifen.
3. H pylori therapy.

V. MICROBIOLOGY: (3 x 5 = 15)

1. HIV.
2. Clostridium tetani.
3. Hospital acquired infection.

VI. PATHOLOGY: (3 x 5 = 15)

1. Frozen section biopsy.
2. Papillary carcinoma thyroid.
3. Non hodgkin lymphoma.
