

**M.S. DEGREE EXAMINATION
BRANCH IV – E.N.T.**

APPLIED BASIC SCIENCES IN OTO RHINO LARYNGOLOGY
Q.P. Code : 222230

Time: Three Hours

Maximum: 100 marks

Write notes on:

I. ANATOMY (4X5=20)

1. Sinus of Morgagni.
2. Describe the course and branches of facial artery.
3. Fissula ante fenestram and fossula post fenestram.
4. Sigmoid sinus.

II. PHYSIOLOGY (4X5=20)

1. Stapedial reflex.
2. Physiology of gustatory system.
3. Describe the physiology of olfaction.
4. Vestibulo spinal reflex.

III. BIO-CHEMISTRY (3X5=15)

1. Biochemical changes during stridor.
2. Composition of Perilymph.
3. Plasmaproteins.

IV. PHARMACOLOGY (3X5=15)

1. Cisplatin.
2. Describe the indications, side effects and dosage for Amphotericin B.
3. Chemoprevention.

V. MICROBIOLOGY (3X5=15)

1. Rhizopus.
2. Epstein Barr Virus.
3. Pseudomonas Aeruginosa.

VI. PATHOLOGY (3X5=15)

1. Wegener's granulomatosis.
2. Hashimoto's thyroiditis.
3. Maltoma.
