

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

PAPER I – APPLIED BASIC SCIENCES IN OTO RHINO LARYNGOLOGY

Q.P. Code: 222230

Time : Three Hours

Maximum : 100 Marks

Write Notes on :

I. ANATOMY:

(4 x 5 = 20)

1. Branches of External carotid artery.
2. Sphenoid sinus.
3. Internal auditory meatus.
4. Pre-epiglottic space.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Physiology of smell.
2. Vestibulo ocular reflex.
3. Special Tuning fork tests.
4. Hypothyroidism.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. CSF analysis for meningitis.
2. Respiratory acidosis.
3. Diabetic ketoacidosis.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Antihistamines.
2. Drugs used in Invasive fungal sinusitis.
3. Lignocaine.

V. PATHOLOGY:

(3 x 5 = 15)

1. Carotid body tumour.
2. Human papilloma virus.
3. Laboratory tests for epistaxis.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Immunoglobulin E.
2. Angioneurotic edema.
3. Beta haemolytic streptococci.
