

[LI 225]

APRIL 2016

Sub. Code: 2230

**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. Nasal Septum.
2. Organ of Corti.
3. Cricopharynx.
4. Paraglottic Space.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Nasal Cycle.
2. Auditory Pathway.
3. Protection of Lower Airway.
4. Physiology of Taste.

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

1. Biochemical changes in Upper Airway Obstruction.
2. Normal and Variations in Inner Ear Fluid composition.
3. Sialo chemistry.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Topical Steroids.
2. Non sedating Antihistamines.
3. Pharmacotherapy of MDR Tuberculosis.

V. PATHOLOGY: (3 x 5 = 15)

1. Rhinoscleroma.
2. Histological classification of Carcinoma.
3. Chemical Mediators of Inflammation.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Rhinosporidiosis.
2. Hospital Acquired Infection.
3. Role of Pus Culture and Sensitivity.
