

[LK 225]

MAY 2017

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. Peripharyngeal spaces of neck.
2. Ostiomeatal complex.
3. Medial wall of Middle Ear.
4. Left Recurrent Laryngeal Nerve.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Theories of Hearing
2. Functions of the Nose.
3. Physiology of Balance.
4. Phonation.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Respiratory control of Acid base Balance.
2. Compare Endolymph, Perilymph and CSF.
3. Thyroid function tests.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Uses of Steroids in ENT practice.
2. Ototoxic drugs.
3. Topical Anesthesia in ENT.

V. PATHOLOGY:

(3 x 5 = 15)

1. Fine needle aspiration cytology.
2. Pathology of Nasopharyngeal Angiofibroma.
3. Premalignant lesions of oral cavity.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Aspergillus niger.
2. Immunoglobulins.
3. Gram staining.
