

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. Cavernous sinus communications.
2. Petrous part of temporal bone.
3. Larynx of an infant.
4. Pterygopalatine fossa.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Perilymph.
2. Alternate taste pathway.
3. Physiology of olfaction.
4. Theories of phonation.

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

1. Biochemical changes after tracheostomy.
2. Iron metabolism.
3. Proteins in nasal secretions.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Corticosteroids.
2. Drug induced ototoxicity.
3. Chemotherapeutic drugs used in head and neck cancers.

V. PATHOLOGY: (3 x 5 = 15)

1. Sjogren's syndrome.
2. Acoustic neuroma.
3. Paraganglioma of head and neck.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Actinomyces.
2. Life cycle of rhinosporidiosis.
3. Mucor mycosis.
