

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. Triangles of the neck.
2. Spaces of posterior mesotympanum.
3. Piriform fossa.
4. Surgical anatomy of sphenopalatine foramen.

II. PHYSIOLOGY:**(4 x 5 = 20)**

1. Organ of Corti.
2. Nasal cycle.
3. Physiology of bone conduction.
4. Physiology of balance.

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

1. Biochemical changes in labyrinthine fluid during labyrinthitis.
2. Constituents of perilymph.
3. CSF in intracranial complications.

IV. PHARMACOLOGY:**(3 x 5 = 15)**

1. Antimitotic drugs.
2. Drug induced sialadenitis.
3. Posaconazole.

V. PATHOLOGY:**(3 x 5 = 15)**

1. Tuberculosis in ENT.
2. Inverted papilloma.
3. Cholesteatoma.

VI. MICROBIOLOGY:**(3 x 5 = 15)**

1. Bacteriology of CSOM.
2. Mycology of AFRS.
3. Epstein Barr Virus.
