

THE TAMIL NADU DR.M.G.R MEDICAL UNIVERSITY

[MS 0522]

MAY 2022

Sub. Code: 2230

M.S. DEGREE EXAMINATION

BRANCH IV – OTO-RHINO-LARYNGOLOGY

PAPER I – APPLIED BASIC SCIENCES IN OTO RHINO LARYNGOLOGY

Q.P. Code: 222230

Time : Three Hours

Maximum : 100 Marks

Write Notes on :

I. ANATOMY: (4x5=20)

1. Nasal Septum
2. Blood supply of Tonsils.
3. Sphenoid Sinus.
4. Anterior Ethmoidal artery

II. PHYSIOLOGY: (4x5=20)

1. Utricle & Sacculle
2. Olfaction
3. Physiology of deglutition
4. Function of outer hair cells

III. BIO-CHEMISTRY: (3x5=15)

1. Respiratory alkalosis
2. D.Dimer test in Covid
3. Difference between Endolymph and Perilymph

IV. PHARAMACOLOGY: (3x5=15)

1. Drugs against Pseudomonas
2. Local anesthetic drugs in ENT
3. Nasal Decongestant

V. PATHOLOGY: (3x5=15)

1. Carcinoma in situ
2. Pathology of Nasal polyps.
3. Apoptosis

VI. MICROBIOLOGY: (3x5=15)

1. Type IV Hypersensitivity
2. Invasive fungal sinusitis
3. Sterilization of Hopkins rod telescopes
