

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

[MS 0524]

MAY 2024

Sub. Code: 4013

M.S. DEGREE EXAMINATION

BRANCH IV – OTO-RHINO-LARYNGOLOGY

PAPER I – BASIC SCIENCES RELATED OTOLARYNGOLOGY

Q.P. Code: 224013

Time: Three Hours

Maximum: 100 Marks

Write notes on:

I. ANATOMY:

(4 x 5 = 20)

1. Origin, Insertion, Nerve Supply & Action of Tensor Tympani and Stapedius Muscles.
2. Middle Turbinate.
3. Parapharyngeal space.
4. Broncho Pulmonary Segments.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Theories of Hearing.
2. Functions of Para Nasal Sinus.
3. Physiology of Voice Production.
4. Functions of Tracheostomy.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Composition of Cerebro Spinal Fluid.
2. Liver Function Test and ENT Diseases.
3. Bio Chemical changes occurred in Chronic Dysphagia.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Pharmaco Therapy for Sudden Sensory Neural Hearing Loss.
2. Nasal Decongestants.
3. Amphotericin – B.

V. PATHOLOGY:

(3 x 5 = 15)

1. Pathogenesis of Otospongiosis.
2. Pathogenesis of Allergic Rhinitis.
3. Pathogenesis of Retro Pharyngeal Abscess.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Angio Invasive Fungus.
2. EBV (Ebstien Barr Virus).
3. Organisms involved in Atrophic Rhinitis.
