

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

[MS 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

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. Larynx of an infant.
2. Skull base in sphenoid sinus.
3. Branches of external carotid artery.
4. Organ of Corti.

II. PHYSIOLOGY: (4x5=20)

1. Protective reflexes in ENT.
2. Maintenance of posture.
3. Nasal Cycle.
4. Vasovagal shock.

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

1. Metabolic acidosis.
2. Trace Elements.
3. Krebs cycle.

IV. PHARAMACOLOGY: (3x5=15)

1. Drugs for malignant otitis externa.
2. Bupivacaine.
3. Anti Emetics.

V. PATHOLOGY: (3x5=15)

1. Stages of cancer.
2. Pathology of Cholesteatoma.
3. Fine needle aspiration cytology.

VI. MICROBIOLOGY: (3x5=15)

1. Pseudomonas Aeruginosa.
2. IgG4-Related disease.
3. Diphtheria.
