

[LQ 225]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 2230

**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. Lateral nasal wall
2. Medial wall of middle ear
3. Frontal sinus
4. Surgical anatomy of facial nerve

**II. PHYSIOLOGY:**

**(4 x 5 = 20)**

1. Auditory pathway
2. Nystagmus
3. Nasal valve
4. Noise pollution on health

**III. BIO-CHEMISTRY:**

**(3 x 5 = 15)**

1. Biochemistry of salivary secretion
2. Biochemical changes during stridor and after tracheostomy
3. Composition of perilymph

**IV. PHARMACOLOGY:**

**(3 x 5 = 15)**

1. Topical steroids
2. Antifungal ear drops
3. Antihistamines – Types, Mechanism of action and usage

**V. PATHOLOGY:**

**(3 x 5 = 15)**

1. Atrophic Rhinitis
2. Serous otitis media
3. Vocal nodule

**VI. MICROBIOLOGY:**

**(3 x 5 = 15)**

1. Immunoglobulin
2. Corona virus
3. Pseudomonas

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