

[LE 225]

APRIL 2014

Sub. Code: 2230

**M.S. DEGREE EXAMINATION
BRANCH IV – E.N.T.**

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. Embryology of Hillock of His and its derivatives.
2. Velopharyngeal sphincter.
3. Describe the boundaries, contents and relations of the submandibular triangle.
4. Otic capsule.

II. PHYSIOLOGY:

(4X5=20)

1. Trace the vestibular pathway.
2. Describe the mucociliary function of nose and sinus.
3. Platelet function.
4. Acoustic reflex.

III. BIO-CHEMISTRY:

(3X5=15)

1. Biochemistry of saliva.
2. Maintenance of pH of blood.
3. Pituitary function tests.

IV. PHARMACOLOGY:

(3X5=15)

1. 5- flurouracil.
2. Dapsone.
3. Piperazines.

V. PATHOLOGY:

(3X5=15)

1. frozen section.
2. Paraganglioma.
3. Adenoid cystic carcinoma.

VI. MICROBIOLOGY:

(3X5=15)

1. Cytokines.
2. Actinomycosis.
3. Swine flu virus.
