

[LP 225]

OCTOBER 2019

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. Mastoid air cell system.
2. Sacculle of larynx.
3. Sphenopalatine foramen.
4. Surgical anatomy of parotid salivary gland.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Protective reflexes in ENT.
2. CSF Production and its circulation.
3. Watering of Eyes.
4. Stages of deglutition.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Biochemical changes in total laryngectomy.
2. Thyroid function test and its significance.
3. Vitamin K.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Immunotherapy for allergy.
2. Adrenaline usage in ENT practice.
3. Acebrophylline in ENT.

V. PATHOLOGY:

(3 x 5 = 15)

1. Fibrous dysplasia.
2. Otospongiosis.
3. Paragangliomas of ear.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Biofilm.
2. Rhinosporidium seeberi and its life cycle in human.
3. Mucormycosis.
