

Q.P Code

Reg. No.

PG Degree Regular/Supplementary Examinations in Otorhinolaryngology (M.S)

Paper III – Recent Advances in Otolaryngology and Head Neck Surgery

Time : Three Hours

Maximum : 100 Marks

Essay: (20)

1. A 22-year-old female has been diagnosed with active squamous chronic otitis media. Imaging reveals a small cholesteatoma sac involving epitympanum. Patient is keen to avoid scar. A decision has been taken to do an endoscopic surgical treatment. Describe, with the help of suitable diagrams, the steps of this procedure, highlighting the differences from traditional cholesteatoma surgeries.

Short Essays (8 x10 = 80)

2. Describe the various aspects of needs and concerns of patients and caregivers, in cases of head and neck malignancies.
3. Discuss the newer non-radiational imaging modalities used in ear, nose, throat and head and neck diagnostics.
4. Conservative organ-preserving treatment for laryngeal cancers.
5. Newer concepts in the surgical management of obstructive sleep apnoea (OSA).
6. Laryngeal reinnervation surgeries: Principles, indications, surgical steps in brief.
7. Auditory Brain Stem Implants: Principles, indications, surgical considerations.
8. Role of stem cell therapy in ENT diseases. Role of Botulinum toxin in various ear, nose, throat, and head and neck conditions.
9. Newer techniques in the study of molecular biology.