

**PG Degree Regular/Supplementary Examinations in Otorhinolaryngology (M.S)
Paper II – Principles and Practices of Otolaryngology**

Time : Three Hours**Maximum : 100 Marks****Essay: (20)**

1. A one-year-old child is brought by parents with suspected hearing loss. Discuss the diagnostic algorithm in this case. After the confirmation of bilateral congenital sensorineural hearing loss, a decision is taken for cochlear implantation (CI). Describe the detailed pre-operative workup, including counselling or parents. List the contraindications for CI surgery.

Short Essays**(8 x10 = 80)**

2. Describe the mechanism of caloric test and its clinical implications. What is Butterfly chart?
3. How will you classify ossicular status in chronic middle ear disease? Discuss prognostic factors affecting the surgical outcome. Enumerate materials for ossicular reconstruction. Add a note on middle ear reconstruction in the following situation: M-S+
4. Describe Fisch classification glomus tumours. Describe clinical and radiological features of glomus tumour. Describe treatment options for Glomus tympanicum.
5. Describe the clinical and radiological findings of JNA. Explain branchial arch theory proposed in JNA. Describe the preoperative planning for endoscopic surgical resection. Enumerate the other treatment options and limitations of endoscopic resection.
6. Describe the embryological basis of thyroglossal cyst formation. Discuss evaluation of suspected thyroglossal cyst. Describe the surgical management. What is mini Sistrunk?
7. Discuss the pathophysiology in spasmodic dysphonia. Outline the work up for suspected case of spasmodic dysphonia. Discuss the various treatment options. What are the surgical therapies available and discuss the advantages of each.
8. What are the principles of management of Juvenile recurrent parotitis (JRP)? Discuss indications and contraindications of sialoendoscopy.
9. Discuss role of PET in ENT areas. Add notes on the specific radio tracer used in PET and SUV max. Discuss the pitfalls of PET in the evaluation of CUP