

**QP Code:104151**

**Reg.No.:.....**

**PG Degree Supplementary Examinations in Otorhinolaryngology (MS)  
– November 2015**

**Paper IV - Recent Advances in Otorhinolaryngology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. Describe in details principles of laser. Discuss the various types of laser used in ENT with applications of laser in laryngeal surgery.

**Short Essays:**

**(8x10=80)**

2. Image guided surgery
3. Implantable hearing devices
4. Early diagnosis of head and neck malignancies
5. Biomaterials in ENT
6. PET scan
7. Fractionated radiotherapy
8. Principles of video strobolaryngoscopy
9. Thyroplasty

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