

**SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination - May 2018**

**Time : 3 Hrs**

**Max Marks : 100**

**M.S OTO-RHINO-LARYNGOLOGY (E.N.T)**

**Paper - I**

**Paper Code : RS-4401**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the boundaries and contents of various triangles of neck and highlight their significances.
2. Draw a neat diagram of taste bud and trace out the pathway of taste. Enumerate the various taste disorders.
3. Describe the ENT manifestations of HIV.
4. With a neat diagram describe the histology of squamous cell carcinoma. Highlight the various histological changes during each stage of carcinogenesis.
5. List out the tumor markers in otorhinolaryngology and mention their applications, normal values and limitations.
6. Enumerate the various biomaterials used in ENT and highlight their applications.
7. Write an essay on recent advances in anti-cancer chemotherapy in head and neck.
8. Enumerate indications, limitations and complications of transoral robotic surgery.
9. Explain the principle, indications and adverse effects for use of corticosteroids in ENT.
10. Enumerate diseases causing multiple cranial nerve palsies in ENT and highlight the cause and lines of management for each of them.

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**M.S OTO-RHINO-LARYNGOLOGY (E.N.T)**

**Paper - II**

**Paper Code : RS-4402**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the anatomy and physiology of nasal valve and its impact in nasal surgeries.
2. Discuss the etiology, clinical features and management of empty nose syndrome.
3. Explain the step by step management of Orbital hemorrhage and highlight its complications.
4. Describe the various mediators in Allergic rhinitis and mention the drugs against each of them.
5. Differentiate between intranasal (inferior meatal) and middle meatal antrostomies. Enumerate indications for each of them.
6. Discuss the diagnosis and management of nasal meningoencephalocele.
7. Discuss the etiopathology, clinical features and management of primary atrophic rhinitis
3. Explain the etiology, clinical features and management of Tics douloureux.
9. Describe the various approaches, indications and complications of medial maxillectomy.
10. Describe the endoscopic anatomy of lateral wall of nose. Highlight the significance of each structure.

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**M.S OTO-RHINO-LARYNGOLOGY (E.N.T)**

**Paper - III**

**Paper Code : RS-4403**

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**LONG ESSAY**

**10 X 10 = 100**

1. Describe the anatomy of cerebellopontine angle and highlight its surgical importance.
2. Explain the various electrical potentials of cochlea and their clinical implications.
3. Describe the abnormality in sound conduction in large tympanic membrane perforation with ossicular disruption. Explain options to treat it
4. Describe the surgical management of otosclerosis. Enumerate the complications of these surgeries
5. Describe the etiopathogenesis, clinical features and management of delayed barotrauma.
6. Describe the various procedures for dynamic and static facial reanimation.
7. Describe the etiology, clinical features and management of various types of noise induced hearing loss.
8. Describe the Etiopathogenesis, clinical features and management of glomus jugulare.
9. Describe the clinical features and management of acoustic neuroma.
10. Enumerate the indications for various titanium prostheses in ear surgery and highlight their advantages and disadvantages.



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**Paper - IV**

**Paper Code : RS-4404**

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*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the anatomy of cartilages and ligaments of muscles & nerve supply of larynx.
2. Describe the mechanism of phonation and articulation and give examples of disorders of phonation and articulation.
3. Describe the structure of taste bud. Add a note on physiology of taste. How will you evaluate taste sensation?
4. Explain Talbott's law and its application in clinical practice.
5. Enumerate the Advantages of tracheostomy over endotracheal intubation. Mention the non obstructive indications and complications of tracheostomy.
6. Describe the histopathology of pleomorphic adenoma and its management in various sites in head and neck.
7. Discuss the differential diagnosis and management of unilateral enlargement of tonsil.
8. Describe the various options for post laryngectomy voice rehabilitation and discuss the advantages and disadvantages of each of them.
9. Describe the TNM staging and management of supraglottic carcinoma.
10. Describe the management of a case of corrosive ingestion. List out the sequelae of this condition.