

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

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

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

Paper- I QP Code: P3091

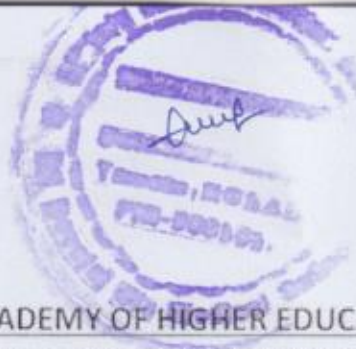
Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Describe the origin, course and function of vidian nerve. Highlight the clinical importance of this nerve. Add a note on vidian canal.
2. Draw a neat diagram of taste bud and trace out the pathway of taste. Enumerate the various taste disorders.
3. Enumerate the various autoimmune disorders affecting the ear. And highlight their adverse effect on the ear.
4. Describe the various grades of neurological injury. How will you evaluate neural injury objectively. Add a note on role of stem cells in neural injury
5. List out the differences between cohort, cross sectional and case control studies and mention where they are useful.
6. Explain the principles and applications of functional magnetic resonance imaging in ENT.
7. Describe the mechanism of action, dosage, administration, applications and adverse effects of Cisplatin.
8. Write an essay on applications, limitations of transoral robotic surgery for oropharyngeal cancer.
9. Describe the mechanism of action, indications and adverse effects of Betahistine.
10. Describe the ultrasound morphology of metastatic cervical lymph nodes and thyroid nodules.



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

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

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

Paper- II QP Code: P3092

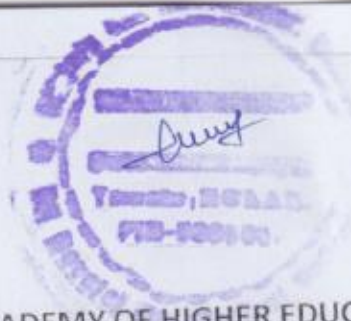
Your answers should be specific to the questions asked.

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. What is Onhngren's line ? How does it influence prognosis and treatment. Add a note on Harrison's lines
4. Describe the medical line of treatment for various fungal rhinosinusitis.
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. Describe the surgical approaches to juvenile nasopharyngeal angiofibroma.
8. Discuss the indications, procedure and sequelae of orbital decompression.
9. Describe the indications, procedure and limitations of lateral rhinotomy approach.
10. Describe the endoscopic anatomy of lateral wall of nose. Highlight the significance of each structure.



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

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

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

Paper- III QP Code: P3093

*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 of medial wall of middle ear and add a note on impedance matching mechanism of middle ear.
2. Explain the constituents, production, circulation and absorption of inner ear fluids.
3. Describe the components etiology, clinical features and management of Gradenigo's syndrome.
Describe various approaches to the petrous apex.
4. Describe the principle and applications of brain stem evoked response audiometry and mention the various waves and their clinical implications.
5. Enumerate the various deformities of external ear. Describe the procedure, prerequisites and complications of otoplasty.
6. Trace out path of facial nerve and mention its intracranial connections. Enumerate the topodiagnostic and electrodiagnostic tests for facial nerve and their applications.
7. How will you diagnose a case of Meniere's disease? Describe the management of the same.
8. What are the functions of eustachian tube? Describe various tests for patency of eustachian tube.
9. Describe the clinical features and management of acoustic neuroma.
10. How do you select and prepare candidates for cochlear implant surgery? Add a note on the complications of cochlear implant surgery.



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

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

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

Paper- IV QP Code: P3094

*Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100

1. Describe the clinical and surgical implications of a case of bifid uvula. Add a note on Passavant's ridge
2. Describe the etiopathogenesis, clinical features and management of Ludwig's angina.
3. Enumerate glomus tumors of head and neck. Describe classification, diagnostic work up and treatment of vascular glomus tumor in neck.
4. Describe the role of microvascular free flaps in head and neck reconstructions. Name a few of these flaps and mention their advantages and disadvantage.
5. Enumerate the otorhinolaryngology manifestations of COVID-19. Explain the pathophysiology and management of olfactory dysfunction in COVID-19
6. Describe the histopathology of pleomorphic adenoma and its management in various sites in head and neck.
7. Describe the procedure of percutaneous tracheostomy and highlight its advantages and disadvantages.
8. Describe injection laryngoplasty and enumerate its indications and limitations.
9. What is the role of blind biopsies in head and neck cancer. How is it modified in the present era?
10. Describe the clinical features and management of foreign body bronchus.