

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - June/July 2020

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 anatomy of ear ossicles and explain how sound is amplified in middle ear.
2. Describe the various tests for vestibular function. List out the differences between central and peripheral vertigo.
3. Enumerate the various immunoglobulins and their role in immune response. Correlate their importance in ENT practice.
4. Mention the various techniques of hypotensive general anaesthesia in ENT and highlight their applications.
5. Describe the anatomy of hyoid bone and its attachments. Explain its clinical and surgical importance.
6. Describe the principle, procedure and applications of narrow band imaging.
7. Write an essay on recent advances in anti-cancer chemotherapy in head and neck.
8. Enumerate the recent advances in radiotherapy in head and neck and list out their applications and limitations.
9. Describe the mechanism of action, dosage and adverse reactions and uses of fluoroquinolones in ENT.
10. Describe the recent advances in magnetic resonance imaging.

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Paper- II QP Code: P3092

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LONG ESSAY

10 X 10 = 100

1. Describe the anatomy of osteomeatal complex with special emphasis on its anatomical variations.
2. Discuss the etiology, clinical features management of rhinophyma.
3. Describe the mechanism of mucociliary clearance in nose and paranasal sinuses and explain its impact on paranasal sinus diseases.
4. Enumerate the various allergens causing rhinitis. How will you prevent or minimize the response to them. Write a note on RAST.
5. Describe the pathophysiology of sinonasal polyposis.
6. Discuss the indications, steps, and complications of Transnasal approach to pituitary fossa.
7. Discuss the Differential diagnosis of mass in nasal cavity.
8. Describe the clinical methods in evaluation of smell disorders.
9. Discuss the Differential diagnosis of mass in nasopharynx. Describe how will you manage it.
10. Discuss the differential diagnosis and management of a rounded opacity / haziness in maxillary antrum

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Paper- III QP Code: P3093

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LONG ESSAY

10 X 10 = 100

1. Describe the anatomy of anterior wall of middle ear and highlight its clinical importance.
2. Describe the mechanism of bone conduction of sound.
3. Describe the etiopathogenesis, clinical features and management of lateral sinus thrombophlebitis.
4. Explain how will you perform vestibular function test in a patient with tympanic membrane perforation.
5. Classify Temporal bone fractures and highlight the differences between them. Describe the management of temporal bone trauma.
6. Describe the etiology, clinical features and management of Bell s palsy.
7. Define sudden senrineural hearing loss. Describe the causes and management of the same.
8. Write a short essay on otoacoustic emissions and their utility in diagnostic audiology.
9. Describe the surgical approaches to internal auditory meatus and cerebellopontine angle. Highlight the merits and demerits of each approach
10. Describe the process of neural plasticity and highlight its impact on a deaf child.

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

Paper- IV QP Code: P3094

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LONG ESSAY

10 X 10 = 100

1. Describe the anatomy of parapharyngeal space and highlight its clinical importance.
2. Describe the anatomy of vocal cord and write a short essay on Injection laryngoplasty.
3. Describe the etiopathogenesis, clinical features and management of Zenker's diverticulum.
4. Enumerate the causes of Trismus. Describe grading of trismus. List out the treatment options for severe trismus.
5. Enumerate and classify the causes of stridor. Add a note on flap tracheostomy.
6. Describe the indications, procedure and complications of submandibular gland excision. Explain why calculi are more common in submandibular salivary glands.
7. Describe the etiology, clinical features and management of Respiratory papillomatosis.
8. Write a short essay on A) Mediastinoscopy B) Laryngofissure.
9. Describe the etiopathogenesis, clinical features and management of plummer vinson syndrome.
10. Describe the clinical features and management of foreign body bronchus.