

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

Post Graduate Degree Examination - Apr/May 2019

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 middle ear spaces and highlight their significance.
2. Describe the various tests for vestibular function. List out the differences between central and peripheral vertigo.
3. Describe the various phases and checkpoints in cell cycle. List out the anti-cancer drugs acting on each of these phases.
4. Enumerate and classify the various fungi causing ENT diseases. Highlight the diagnostic features of these fungi in laboratory.
5. List out the differences between cohort, cross sectional and case control studies and mention where they are useful.
6. Describe the procedure, advantages and limitations of Image guided navigational surgery in nose and paranasal sinuses.
7. Describe the mechanism of action, dosage, administration, applications and adverse effects of Cisplatin.
8. Mention the upper limit of radiation for various organs which do not tolerate curative doses of radiotherapy. How will you radiate tumor adjacent to them?
9. Describe the mechanism of action, dosage and adverse reactions and uses of fluoroquinolones in ENT
10. Explain the principle, applications and limitations of positron emission tomography.

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Paper-II

QP Code: P3092

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LONG ESSAY

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1. Describe the anatomy of sphenoid sinus and highlight the surgical importance of each part.
2. Describe the etiology, clinical features and management of Sluders neuralgia.
3. Describe the Surgical approaches and treatment of choanal atresia. And discuss their merits and demerits.
4. Describe the etiology , clinical features and management of rhinolith.
5. Discuss the etiology, clinical features and management of antrochoanal polyp.
6. Discuss the etiology and management of epistaxis in an elderly person
7. Describe the procedure and materials used in Pre operative embolization and enumerate its indications and complications.
8. Describe the anatomy of superior orbital fissure and highlight its importance in ENT.
9. Describe the TNM classification, pathways of spread and management of nasopharyngeal carcinoma
10. Describe Kero's classification . Highlight its importance in endoscopic sinus surgery. How will you manage haemorrhage during FESS?

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

Paper-III QP Code: P3093

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LONG ESSAY

10 X 10 = 100

1. Describe the embryology and anatomy of external ear.
2. Enumerate the various theories for physiology of hearing and describe how mechanical sound energy is converted to electrical impulse.
3. Describe the etiology, clinical features , management and complications of Tuberculosis of temporal bone.
4. Enumerate the complications of stapes surgery and list out the steps to avoid these complications. Explain how will you manage floating footplate.
5. Describe the etiology , clinical features , complications and management of malignant otitis externa.
6. Describe the etiology, clinical features and management of Bell s palsy.
7. Describe in detail about the pathophysiology and management of noise induced hearing loss. Add a note on hearing protective devices.
8. Describe the classification of glomus tumors. Add a note on the management of glomus tympanicum.
9. Describe the surgical approaches to internal auditory meatus and cerebellopontine angle. And highlight the merits and demerits of each approach
10. Describe the principle, indications, procedure and complications of bone anchored hearing aid.

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Paper-IV QP Code: P3094

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LONG ESSAY

10 X 10 = 100

1. Describe the anatomy of pterygopalatine fossa. Write a note on preganglionic, post ganglionic fibres and attachment of the ganglion in this fossa.
2. Enumerate and classify causes of hoarseness of voice. How will you investigate a case of hoarseness of voice?
3. Describe the anatomy of Infratemporal fossa and highlight the surgical importance.
4. Enumerate hyperkinetic voice disorders and describe their management.
5. Describe the procedure of rigid bronchoscopy and highlight the options to ventilate the patient during this procedure. Enumerate its indications and complications.
6. Write an essay on glossodynia and glossoptosis.
7. Classify laryngotracheal trauma and describe its management .
8. Classify thyroplasties and enumerate indications for each type. Describe the procedure of Type 1 thyroplasty.
9. Describe the principle behind near total laryngectomy. What are the indications, contraindications and limitations of this procedure.
10. Describe the clinical features and management of bronchial foreign body in a 3 year old child.