

April 2022

**BLDE (DEEMED TO BE UNIVERSITY)  
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MS OTO-RHINO-LARYNGOLOGY – PAPER - I**

**QP CODE: 5029**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Describe the Anatomy of Middle Ear and its compartments, ventilator pathway of middle ear cleft.
2. Describe the embryology of larynx, intrinsic muscles, nerve supply and laryngeal spaces and its surgical importance.

**Short Essay**

**(6x10=60 Marks)**

3. Structure and function of nasal cilia. Describe mechanism of mucocilliary clearance.
4. Factors affecting wound healing.
5. Hot Methods in surgical dissection in ENT.
6. Anatomy of cavernous sinus, cause and management of cavernous sinus thrombosis.
7. Anatomy of Palatine Tonsil. Discuss complications and management of chronic tonsillitis.
8. Biofilm, bacterial biofilm, management and role in development of bacterial resistance to antibiotic.

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**MS OTO-RHINO-LARYNGOLOGY- PAPER - II**

**QP CODE: 5030**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Describe surgical anatomy of anterior skull base. Discuss extended application of endoscopic sinus surgery.
2. Write in brief about sinonasal tumors. Describe steps of endoscopic medial maxillectomy.

**Short Essay**

**(6x10=60 Marks)**

3. Spreader graft
4. Pott's Puffy tumor
5. Role of immunotherapy in allergic rhinitis
6. Nasal myiasis
7. Septal abscess
8. Antrochoanal polyp

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**MS OTO-RHINO-LARYNGOLOGY – PAPER - III**

**QP CODE: 5031**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Enumerate the clinical features , etiological factors for benign paroxysmal vertigo . Describe the tests done to evaluate a patient with vertigo . Add a note on management of BPPV . (5+5 , 5+5)
2. List the topodiagnostic tests for facial nerve function . What are the surgical landmarks to identify the facial nerve during ear surgery ? Describe in detail the repair of iatrogenic facial nerve injury .  
(5+5, 5+5)

**Short Essay**

**(6x10=60 Marks)**

3. What is National program for prevention and control of deafness ? What is the importance of otoacoustic emission testing in neonates ?  
(5+5)
4. What are the indications for BERA ? Describe the genesis of BERA wave pattern and interpretation . (5+5)
5. What are the clinical features of noise induced hearing loss ? Add a note on prevention of noise induced hearing loss .  
(5+5)
6. Describe the surgical procedure of Stapedotomy . Add a note on recent advances .  
(5+5)
7. Discuss the audiological tests for cochlear vs retro cochlear diseases.
8. What are the causes of sudden sensory neural hearing loss ? Enumerate treatment modalities of sudden sensory neural hearing loss .  
(5+5)

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**MS OTO-RHINO-LARYNGOLOGY – PAPER - IV**

**QP CODE: 5032**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. What is central Apnea? what are its causes? Describe etiopathogenesis, clinical features and management of Obstructive sleep Apnea. (2+6+6+6)
2. Discuss the Etiopathogenesis, clinical features and management of Carcinoma Pyriform Fossa. (6+7+7)

**Short Essay**

**(6x10=60 Marks)**

3. Navigation guided surgery in ENT.
4. Molecular markers in Head and Neck Cancer.
5. Management options of Tracheal Stenosis.
6. Narrow band Imaging
7. Hypothyroidism
8. Jugular foramen Syndromes.