

**APRIL 2001**

**[KD 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCE IN RELATION TO ENT**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe the anatomy of the middle ear and the physiological role of tympanic membrane and ossicles in the conduction of sound impulses. (25)
  2. Describe the various theories of Olfaction. Mention the various tests to evaluate the sense of olfaction objectively. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Vidian nerve
    - (b) Paraglottic space and its surgical importance
    - (c) Role of infection by anaerobic organisms in ENT practice
    - (d) Otolith organs
    - (e) Waldeyer's ring.
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**NOVEMBER 2001**

**[KE 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCES IN RELATION TO ENT**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe in detail with diagram the surgical anatomy of various deep spaces of the neck. (25)
  2. Describe briefly the various autonomic ganglions in the head and neck and mention their surgical importance. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Pterygopalatine fossa.
    - (b) Passavant's Ridge.
    - (c) Killian's dehiscence.
    - (d) Reinkes space.
    - (e) Bill's Bar.
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**MARCH 2002**

**[KG 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO–RHINO–LARYNGOLOGY  
EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCE IN RELATION TO E.N.T.**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe surgical anatomy of PTERYGO PALATINE FOSSA. (25)
  2. Describe the physiology of PHONATION. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Clotting mechanism.
    - (b) Dorello's canal.
    - (c) C.P. Angle.
    - (d) Basillar membrane.
    - (e) Xylocaine.
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SEPTEMBER 2002

[KH 1571]

Sub. Code : 3114

DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.

(New Regulations)

Part I

Paper I — BASIC SCIENCES IN RELATION TO ENT

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in details the anatomical principles of Temporal bone surgery. (25)
  2. Describe the various theories of smell and trace the olfactory pathway. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Delphian node
    - (b) Osteomeatal complex
    - (c) Fossa of Rosenmüller
    - (d) Sinus tympani
    - (e) Space of Gillette.
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**APRIL 2003**

**[KI 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO–RHINO–LARYNGOLOGY  
EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCE IN RELATION TO ENT**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe surgical anatomy of LARYNX. (25)
  2. Describe the physiology of DEGLUTITION. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Sulcus vocalis
    - (b) Nerve of pterygoid canal
    - (c) Prothrombin time
    - (d) C. Diphtheria
    - (e) Newer–antifungal drugs.
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**AUGUST 2004**

**[KL 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCE IN RELATION TO ENT**

**Time : Three hours                      Maximum : 100 marks**

**Theory : Two hours and                      Theory : 80 marks  
forty minutes**

**M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Two Essay questions :                      (2 × 15 = 30)**

**(1) Give an account of the Endoscopic anatomy of  
the Tracheo bronchial tree.**

**(2) Discuss the pathophysiology of Facial Nerve  
lesions in the Intra-temporal part.**

**II. Write short notes on :                      (10 × 5 = 50)**

**(a) Nerve supply of External Ear.**

**(b) KTP Laser.**

**(c) Haemostatic drugs.**

**(d) Mastoid air cells.**

**(e) Corynebacterium Diphtheria.**

**(f) Osteomeatal complex.**

**(g) Stroboscopy.**

**(h) Killian's dehiscence.**

**(i) Intrinsic muscles of Larynx.**

**(j) Impedance Audiometry.**

**SEPTEMBER 2006**

**[KP 1571]**

**Sub. Code : 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**Paper I — BASIC SCIENCES IN RELATION TO ENT**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay :**

(1) Describe the middle ear spaces in relation to spread of cholesteatoma. (20)

(2) Theories of olfactions. (15)

(3) Osteomeatal complex. (15)

**II. Short notes :**

**(6 × 5 = 30)**

(a) Rinhe's space

(b) Lasers in ENT.

(c) Organ of corti

(d) Facial recess

(e) Stapedial reflex

(f) Parapharyngeal space



**[KR 1571]**

**Sub. Code : 3114**

II. Short notes :

(6 × 5 = 30)

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**Paper I — BASIC SCIENCES IN RELATION TO ENT**

**Common to (Candidates admitted upto 2003–04) and  
(Candidates admitted from 2004–05 onwards)**

**Time : Three hours                      Maximum : 100 marks**

**Theory : Two hours and                      Theory : 80 marks  
forty minutes**

**M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay questions :**

(1) Describe theories of olfaction and its pathway. (20)

(2) Describe anatomy of inner ear and write a note on its development. (15)

(3) Development, anatomy and relations of Ethmoid Sinus. (15)

- (a) Lasers in ENT.
  - (b) Killan's dehiscence.
  - (c) Osteomeatal complex.
  - (d) Waldeyer's ring.
  - (e) Rhinomanometry.
  - (f) Fitzgerald Hallpike Test.
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**MARCH 2008**

**[KS 1571]**

**Sub. Code : 3114**

DIPLOMA IN OTO-RHINO-LARYNGOLOGY EXAMINATION.

Paper I — BASIC SCIENCES IN RELATION TO ENT

(Common to all regulations)

**Q.P. Code : 353114**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay Questions : (2 × 20 = 40)
1. Describe the anatomy of pterygopalatine fossa and its surgical importance. (20)
  2. Describe the physiology of deglutition and its applied physiology. (20)
- II. Short notes on : (10 × 6 = 60)
1. Paraglottic space
  2. Impedence matching of middle ear
  3. Haemophilus influenza
  4. Mucociliary clearance of nose and PNS
  5. Inferior constrictor muscle
  6. Clotting mechanism
  7. Antifungal drugs in ENT
  8. Hyperbaric oxygen in ENT
  9. Fossa of rosenmuller
  10. Epleys manoeuvre.
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September 2008

[KT 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**Paper I – BASIC SCIENCES IN RELATION TO ENT  
(Common to all Candidates)**

*Q.P. Code : 353114*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.  
Answer ALL questions.**

**I. Essay questions : (2 X 20 = 40)**

1. Describe the development and surgical anatomy of ethmoid bone.
2. Describe the mechanism of equilibrium.

**II. Write short notes on : (10 X 6 = 60)**

1. Bronchopulmonary segments.
  2. Electro cochleography.
  3. Corynebacterium diphtheria.
  4. Composition and function of mucosal blanket.
  5. Interior constrictor muscle.
  6. Biochemistry of CSF.
  7. Stroboscopy.
  8. BERA.
  9. Reinke's space and its significance.
  10. Auditory pathway.
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MARCH -2009

[KU 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**Paper I – BASIC SCIENCES IN RELATION TO ENT  
(Common to all Candidates)**

*Q.P. Code : 353114*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions : (2 X 20 = 40)**

1. Describe the surgical anatomy of facial nerve.
2. Describe in detail the physiology of hearing and briefly discuss various theories of hearing.

**II. Write short notes on : (10 X 6 = 60)**

1. Osteomeatal complex.
2. Tympanic plexus.
3. Aspergillus in ENT.
4. Pseudomonas.
5. Ultrasound in ENT.
6. Physiology of taste.
7. Factors affecting wound healing.
8. Cisplatin.
9. Otoacoustic and emissions.
10. Perilymph.

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September - 2009

[KV 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY  
EXAMINATION.**

**Paper I – BASIC SCIENCES IN RELATION TO ENT  
(Common to all Candidates)**

*Q.P. Code : 353114*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.  
Answer ALL questions.**

**I. Essay questions : (2 X 20 = 40)**

1. Describe the development and anatomy of the middle ear.
2. Describe in detail the physiology of deglutition.

**II. Write short notes on : (10 X 6 = 60)**

1. Benign positional paroxysmal vertigo (BPPV).
2. Role of topical medications in nasal allergy.
3. Stellate ganglion block.
4. Anaerobic infections in ENT.
5. Paraglottic space and its surgical importance.
6. National programme for prevention and control of deafness (NPPCD).
7. Retropharyngeal space.
8. Ototoxic drugs.
9. Cryosurgery in ENT.
10. HIV lesions in oral cavity.

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March 2010

[KW 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY EXAMINATION**

**BASIC SCIENCES IN RELATION TO ENT**

**(Common to all Candidates)**

***Q.P. Code : 353114***

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary**

**Answer ALL questions**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Describe the mechanism of hearing.
2. Describe the anatomy of nasal septum.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Pharyngeal plexus.
2. Diphtheria.
3. Membranous labyrinth.
4. Pre-epiglottic space.
5. Laryngeal web.
6. Ototoxicity.
7. Blood supply of tonsil.
8. Tuning fork tests.
9. Waldeyer's ring.
10. Referred otalgia.

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September 2010

[KX 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (D.L.O.)  
EXAMINATION.**

**BASIC SCIENCES IN RELATION TO ENT**

**Part I for Candidates admitted upto 2003-04 & Candidates admitted  
from 2008-09 onwards**

**And**

**Paper I for Candidates admitted from 2004-05 to 2007-08**

*Q.P. Code : 353114*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 X 20 = 40)**

1. Describe the surgical anatomy of the intratemporal course of the facial nerve.
2. Discuss the Physiology of speech.

**II. Write short notes on :**

**(10 X 6 = 60)**

1. Vestibular function test.
2. Olfactory pathway.
3. Antifungal ear drops.
4. Bone anchored hearing aids.
5. Laryngeal web.
6. Surgical anatomy of uncinat process.
7. Corynebacterium Diphtheriae.
8. Mucosal blanket.
9. Tympanic plexus.
10. Intrinsic muscles of larynx.

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APRIL 2011

[KY 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO)  
EXAMINATION  
BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Describe the mechanism and disorders related to the process of swallowing in humans.	11	35	15
2. Describe the anatomy of the tympanic membrane and ossicles of the ear. Describe the role of these structures in the mechanism of hearing.	11	35	15

**II. Write notes on :**

1. Mastoid air cell system.	4	10	7
2. Left recurrent laryngeal nerve.	4	10	7
3. Nasal cycle.	4	10	7
4. Bacteriology of chronic suppurative otitis media.	4	10	7
5. Vidian nerve.	4	10	7
6. Prussak's space.	4	10	7
7. Developmental anomalies of the nose.	4	10	7
8. Intrinsic muscles of the larynx.	4	10	7
9. Osteomeatal complex.	4	10	7
10. Rhinosporidium seeberi.	4	10	7

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October 2011

[KZ 1571]

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION  
BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

**Pages    Time    Marks  
(Max.)   (Max.)   (Max.)**

- |  |    |         |    |
|--|----|---------|----|
| 1. Describe the anatomy of the muscles acting on the Rima Glottidis. | 11 | 35 min. | 15 |
| 2. Discuss the physiology of olfaction.                              | 11 | 35 min. | 15 |

**II. Write notes on :**

- |                                       |   |         |   |
|---------------------------------------|---|---------|---|
| 1. Surgical Anatomy of Basal Lamella. | 4 | 10 min. | 7 |
| 2. Tympanic plexus.                   | 4 | 10 min. | 7 |
| 3. Nasal Decongestants.               | 4 | 10 min. | 7 |
| 4. Laryngomalacia.                    | 4 | 10 min. | 7 |
| 5. Auditory pathway.                  | 4 | 10 min. | 7 |
| 6. Elecks Gel precipitation test.     | 4 | 10 min. | 7 |
| 7. Cisplatinum.                       | 4 | 10 min. | 7 |
| 8. Composition of C.S.F.              | 4 | 10 min. | 7 |
| 9. Weber's theory of Hearing.         | 4 | 10 min. | 7 |
| 10. Pathology of angio fibroma.       | 4 | 10 min. | 7 |

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**April 2012**

**[LA 1571]**

**Sub. Code: 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION  
BASIC SCIENCES IN RELATION TO ENT**

***Q.P. Code : 353114***

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Describe the mechanism of deglutition in detail.	16	35	15
2. Describe the Lateral wall of Nose in detail and its Surgical importance.	16	35	15

**II. Write notes on :**

1. Describe the Boundaries of Epitympanum, Antrum and its Surgical importance.	4	10	7
2. Trace Vidian Nerve and describe its Surgical importance.	4	10	7
3. Describe the Surgical importance of Little's area.	4	10	7
4. Describe Delphian Node and its Surgical importance.	4	10	7
5. Describe the Anatomy of Conus Elasticus and its Surgical importance.	4	10	7
6. Describe Reinke's Space and its Surgical importance.	4	10	7
7. Describe the importance of Saliva formation and Role in deglutition.	4	10	7
8. Describe the anatomy of Posterior Cricoarytenoid muscle and its Surgical importance.	4	10	7
9. Describe the Physiology of Phonation.	4	10	7
10. Describe Paraglottic Space and its oncological Importance.	4	10	7

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(LC 1571)

APRIL 2013

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the anatomy of nasopharyngeal tonsil and its role in childhood sleep apnea.
2. Describe the anatomy of intrinsic muscles of Larynx and discuss about voice production.

**II. Write notes on:**

**(10X7=70)**

1. Crypta magna – Anatomy, development and significance
2. Vidian nerve – Constituents and importance
3. Thumb sign – Radiological findings
4. Otomycosis – Common causative fungi
5. Baffle effect – Protective mechanisms
6. Little's area – Anatomy, components and significance
7. Radio Allersorbent Test – Procedure
8. Scala media – Anatomy
9. ESPAL – Procedure and importance
10. Anosmia – Mechanism and importance

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(LD 1571)

OCTOBER 2013

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the anatomy of organ of Corti. Trace the auditory pathway.
2. Describe the course of recurrent laryngeal nerve, its relation and applied anatomy.

**II. Write notes on:**

**(10X7=70)**

1. Lateral wall of sphenoid sinus.
2. Sphenopalatine artery.
3. Mastoid air cells.
4. Tympanic plexus.
5. Non recurrent laryngeal nerve.
6. Perilymph.
7. Noncaseating granuloma.
8. Human papilloma virus.
9. Immunoglobulin E.
10. Topical steroids.

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**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of medial wall of middle ear.  
Briefly discuss the surgical anatomy and function of Eustachian tube.
2. Describe the mechanism of deglutition.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Parapharyngeal space.
2. Osteomeatal complex.
3. Thyroglossal cyst.
4. Colle's fascia.
5. Superior Laryngeal nerve.
6. Cerebrospinal fluid.
7. Pathology of Meniere's disease.
8. Ototoxic drugs.
9. Life cycle of Rhinosporidiosis.
10. Frontal cells.

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[LH 1571]

OCTOBER 2015

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code : 353114*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of the lateral wall of nose. Briefly discuss the function of Paranasal sinuses.
2. Describe the membranous labyrinth and trace the Vestibular pathway.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Physiology of taste.
2. BERA.
3. Pathology of Otosclerosis.
4. Development of Nasal septum.
5. Polysomnography.
6. Tinnitus.
7. Mitomycin C.
8. Pathology of atrophic rhinitis.
9. Interferon.
10. Formation and absorption of CSF.

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(LI 1571)

APRIL 2016

Sub. Code:3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**  
**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P.Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of lateral nasal wall. Discuss in detail mucociliary clearance mechanism.
2. Discuss in detail anatomy of middle ear cavity with diagrams. Describe the role played by middle ear in hearing.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Eustachean tube.
2. Killian's dehiscence.
3. Orbit.
4. Cortilymph.
5. Anatomy of pre-styloid compartment.
6. Non sedating antihistamines.
7. Total Intravenous anesthesia.
8. Lateral semicircular canal.
9. Weber's gland.
10. Oilcan of larynx.

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(LJ 1571)

OCTOBER 2016

Sub. Code:3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P.Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of larynx. Discuss the phonatory mechanism.
2. Describe the anatomy of inner ear. Trace the cochlear pathway.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Middle ear mucosal folds.
2. Physiology of olfaction.
3. Styloid apparatus.
4. Topical nasal decongestants.
5. Perilymph.
6. First phase of deglutition
7. Pathology of allergic rhinitis.
8. Biofilms in ENT.
9. Otoacoustic Emissions (OAE).
10. Sjogren's syndrome.

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**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P.Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the levels of lymphatic drainage of Head and Neck. Explain its rationale in surgery with an example.
2. Describe the aetio pathology, clinical features and management of atticocranial type of chronic suppurative otitis media.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Mastoids air cell system.
2. Chondral atresia.
3. Branchial arches and their derivatives.
4. Physiology of balance.
5. Physiology of nasal airway.
6. Pharyngeal phase of deglutition.
7. Otomycosis.
8. Clinical tests for Non Organic Hearing Loss.
9. Hyoid bone.
10. Tumescence analgesia.

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(LL 1571)

OCTOBER 2017

Sub. Code:3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P.Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the surgical anatomy of the intra temporal course of the facial nerve.
2. Describe in detail the physiology of hearing and briefly discuss various theories of hearing.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Osteomeatal complex.
2. Intrinsic muscles of Larynx.
3. Pathology of menieres disease.
4. Polysomnography.
5. HIV lesions in oral cavity.
6. Antifungal drugs in ENT.
7. Fossa of rosenmuller.
8. Aspergillus in ENT.
9. Interferon.
10. Intratympanic injection.

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(LM 1571)

MAY 2018

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P.Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of laryngeal framework.
2. Describe the potential space in neck and its applied anatomy.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Anatomy of subglottis.
2. Theories of hearing.
3. Tonsillar bed.
4. Styloid apparatus.
5. Congenital anomalies of nose.
6. Right recurrent laryngeal nerve.
7. Endolymph and cortilymph.
8. Pathology of caseating granuloma.
9. Perilymph fistula.
10. Tuning fork tests for Malingering.

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**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the features of medial wall of middle ear with suitable diagrams. Add notes on Blood supply and innervations.
2. Describe the physiology of olfaction. Mention methods of investigations of olfaction.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Piriform fossa.
2. Dangerous area of face.
3. Impedance Matching.
4. Cryosurgery in ENT.
5. Mucormycosis.
6. Acute necrotizing Otitis Media.
7. Topical mucosal anaesthetics.
8. Nerve supply of nose and its etiology in nasal diseases.
9. Tuning Fork tests.
10. Pathophysiology of Obstructive Sleep Apnea Syndrome.

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**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the features of lateral wall of Nose with Applied Anatomy perspective. Add notes of Blood supply and innervations.
2. Describe the physiology of voice production. Add notes on investigations to study speech.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Gustatory Apparatus.
2. Thyroid cartilage.
3. Cisplatin.
4. Biochemistry of CSF.
5. Rhinophyma.
6. Biofilms.
7. Nasal Decongestants.
8. Nerve supply of larynx.
9. Paraglottic space.
10. Vasomotor Rhinitis.

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(LP 1571)

OCTOBER 2019

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of nasal septum.
2. Discuss the mechanism of Deglutition in detail.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Inner and outer walders ring.
2. Endolymph.
3. Rhinosporidim Seeberi.
4. Vidian nerve.
5. Epstein Barr Virus.
6. Laryngomalacia.
7. BERA.
8. Anphotericin B.
9. Auditory Pathway.
10. Intranasal corticosteriods.

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[LQ 1571]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**  
**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the anatomy of deep neck spaces and the applied anatomy significance
2. Describe the anatomy of the olfactory pathway and write notes on theories of olfaction and tests for olfaction

**II. Write notes on:**

**(10 x 7 = 70)**

1. Stapes
2. Constrictors of pharynx
3. Functions of semicircular canals
4. Three tier mechanism
5. Endolymph
6. Intra nasal medications
7. Drugs used for treating sudden sensory neural hearing loss
8. Pathology of olfactory neuroblastoma
9. Pathology of pleomorphic adenoma
10. Aspergillosis

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[LS 1571]

NOVEMBER 2020  
(OCTOBER 2020 SESSION)

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**  
**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Anatomy of the tympanic cavity and write about middle ear transformer mechanism.
2. Anatomy of the paranasal sinuses.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Cavernous sinus
2. Cerebello pontine angle
3. Functions of organ of cortii
4. Diphtheria bacilli
5. Rhinosporidium
6. Antihistamines
7. Betahistine
8. Pathology of atrophic rhinitis
9. Pathology of laryngocele
10. Cortilymph

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(DLO 0721)

JULY 2021  
(MAY 2021 SESSION)

Sub. Code: 3114

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**  
**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:** (2 x 15 = 30)

1. Describe the anatomy of laryngeal cartilages and its applied anatomy.
2. Describe the physiology of olfaction add note on its investigations.

**II. Write notes on:** (10 x 7 = 70)

1. Chorda tympani.
2. Facial muscles.
3. Aminoglycosides.
4. Anti retroviral drugs.
5. Verrucous carcinoma.
6. Mucormycosis.
7. Coagulation pathway.
8. Abductors of vocal cord.
9. Corona virus.
10. Cochlear aplasia.

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**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**(DLO 1022)**

**OCTOBER 2022**

**Sub. Code: 3114**

**DIPLOMA IN OTO-RHINO-LARYNGOLOGY (DLO) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO ENT**

*Q.P. Code: 353114*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Trace the course of Facial Nerve from its Nucleus to Stylomastoid Foramen.
2. Describe the Anatomy of Maxillary Sinus and its relations to Surrounding Structures, Significance of Canine Fossa.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Sinus Tympani.
2. Parapharyngeal space.
3. Tympanic Diaphragm.
4. Nerve supply of Larynx.
5. Ultra short acting Corticosteroids.
6. Biologicals use in ENT.
7. Drugs used in management of Vestibular Neuronitis and their mechanism of action.
8. Prussak space - anatomy and its significance.
9. Pathology of Nasopharyngeal Angiofibroma.
10. Pre Cancerous Lesions of Oral Cavity.

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