

[KD 220] APRIL 2001 Sub. Code : 2229

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV — E.N.T.

Part II

Paper II — ENT., INCLUDING HEAD AND  
NECK ONCOLOGY

Time : Three hours Maximum : 100 marks

Answer ALL questions

1. Describe recent trends in the management of Cervical M.U.O. (Metastasis of Unknown Origin) (25)
2. Aetio-pathology of subglottic stenosis and describe the recent modalities of management. (25)
3. Short notes on : (5 × 10 = 50)
  - (a) Osteomeatal complex.
  - (b) Stridor in children.
  - (c) Retropharyngeal Abscess.
  - (d) Myo-cutaneous flaps in Head and Neck reconstructive surgery.
  - (e) Otolith

**NOVEMBER 2001**

**[KE 220]**

**Sub. Code : 2229**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch IV — ENT**

**Part II**

**Paper II — ENT, INCLUDING HEAD AND NECK  
ONCOLOGY**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe with comparison the differences in pathological behaviour of carcinoma of vocal cords, pyriform fossa and post cricoid region. (25)
2. Discuss about pathology, classification and management of lymphomas seen in ENT practice. (25)
3. Write short notes on : (5 × 10 = 50)
  - (a) Radio-Biological principles of Radiotherapy in Head and Neck cancers.
  - (b) Benign strictures of oesophagus.
  - (c) Management of Foreign Bodies (F.B) in Tracheo-Bronchial tree with special reference to round body objects.
  - (d) Triple endoscopy.
  - (e) Quinsy.

**[KG 220] MARCH 2002**

**Sub. Code : 2229**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch IV — ENT**

**Part II**

**Paper II — ENT, INCLUDING HEAD AND NECK  
ONCOLOGY**

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

**Answer ALL questions.**

- 1    Details of Nasopharyngeal carcinoma.                      (25)
- 2    Radiotherapy in Head and Neck cancer.                      (25)
3.   Short notes on :    (5 × 10 = 50)
  - (a) Carbondioxide transport in the body.
  - (b) Squamous portion.
  - (c) Prenatal and Postnatal development of the larynx.
  - (d) Staphylococci, streptococci.
  - (e) Biochemistry of body fluids and C.S.F

**SEPTEMBER 2002**

**[KH 220]**

**Sub. Code : 2229**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch IV — E.N.T**

**Part II**

**Paper II — ENT, INCLUDING HEAD AND  
NECK ONCOLOGY**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

1. Discuss the surgical anatomy of the oesophagus and describe about the management of corrosive structure. (25)

2. Discuss etiology, pathology, clinical manifestation, diagnosis and treatment of Nasopharyngeal malignancy. (25)

3 Write short notes on (5 × 10 = 50)

(a) Chronic Retropharyngeal abscess

(b) Congenital choanal atresia

(c) Deltopectoral flap in Head and Neck reconstruction surgery

(d) Rhinolith

(e) Fibrous dysplasia (ossifying fibroma).

[KI 220]

APRIL 2003

Sub. Code : 2229

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV — ENT

Part II

Paper II — ENT, INCLUDING HEAD AND NECK  
ONCOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Write in detail the Lymphatic drainage in head and neck cancer. (25)
  2. Chemotherapy of Malignant conditions in head and neck cancer. (25)
  3. Short notes on : (5 × 10 = 50)
    - (a) Antibiotic — Recent trends
    - (b) Smell
    - (c) Mediastinum
    - (d) Venous sinuses
    - (e) Proteus group.
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[KK 220] APRIL 2004 Sub. Code : 2229

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch IV — ENT

Part II

Paper II — ENT, INCLUDING HEAD AND NECK  
ONCOLOGY

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.

(A) Essays : (2 × 15 = 30)

(1) Discuss the aetiopathogenesis, clinical features and management of Otosclerosis.

(2) Discuss the investigations and management of epistaxis.

(B) Short Notes : (10 × 5 = 50)

(1) Retropharyngeal abscess.

(2) Pleomorphic adenoma.

(3) Laryngomalacia.

(4) Pharyngeal pouch.

(5) Rhinosporidiosis.

(6) Glomus jugulare.

(7) CSF otorrhoea.

(8) Functional neck dissection.

(9) Bilateral abductor palsy.

(10) Septal abscess.

**[KL 220] AUGUST 2004 Sub. Code : 2229**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch IV — ENT**

**Part II**

**Paper II — ENT, INCLUDING HEAD AND NECK  
ONCOLOGY**

**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.**

**I. Essays : (2 × 15 = 30)**

**(1) Describe etiology. Signs and symptoms of post cricoid malignancy.**

**(2) Classify tumours of nasopharynx. Describe etiology, pathology and management of nasopharyngeal carcinoma.**

**II. Short notes : (10 × 5 = 50)**

- (a) Dohlman's operation.**
- (b) Allergic fungal Rhinosinusitis**
- (c) Unilateral orbital swelling in relation to nasal condition.**
- (d) Choanal atresia.**
- (e) Avelli's syndrome.**
- (f) Neoglottis.**
- (g) Bronchoscopy.**
- (h) Dysphonia plica ventricularis.**
- (i) Retropharyngeal abscess.**
- (j) Mast cell desensitisation.**



FEBRUARY 2006

[KO 220]

Sub. Code : 2229

M.S. DEGREE EXAMINATION.

Branch IV — ENT

ENT, INCLUDING HEAD AND NECK ONCOLOGY

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 :    (2 × 15 = 30)

(1) Discuss the principle of near total laryngectomy. Describe the various modalities of voice rehabilitation after laryngectomy.

(2) Define stertor. Enumerate causes for stertor. Discuss the investigations and management of obstructive sleep apnoea syndrome.

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

(a) Carotid blow out

(b) Cisplatin

(c) Chronic retropharyngeal abscess

(d) Orbital complications of sinusitis

(e) TORP

(f) Non organic hearing loss

(g) Le forte fractures.

(h) Papilloma of larynx

(i) Bilateral simultaneous LMN facial nerve paralysis

(j) Management of CSF rhinorrhoea,

**SEPTEMBER 2006**

**[KP 220]**

**Sub. Code : 2229**

**M.S. DEGREE EXAMINATION.**

**Branch IV — ENT**

**ENT, INCLUDING HEAD AND NECK ONCOLOGY**

**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 :**

**(1) How will you evaluate and manage Malignant Cervical Lymph adenopathy with an unknown Primary TUMOR. (20)**

**(2) How will you assess the HEARING IN CHILDREN OF Pre school going and discuss the management of DEAF CHILD. (15)**

**(3) Discuss the differential Diagnosis of 'OTITIS EXTERNA' and its management. (15)**

**II. Short notes :**

**(6 × 5 = 30)**

**(a) Rhinoscleroma**

**(b) OTOTOXICITY**

**(c) Middle third Fracture of Nose and Para nasal Sinuses.**

**(d) Blephroplasty**

**(e) Malignant Melanoma**

**(f) Sentinal Node Biopsy.**

[KQ 216] MARCH 2007 Sub. Code : 2229

M.S. DEGREE EXAMINATION.

Branch IV — E.N.T.

E.N.T. INCLUDING HEAD AND NECK ONCOLOGY

Common to

Part II — Paper II (Old/New/Revised Regulations)

(Candidates admitted from 1988-89 onwards)

and

Paper III — (for 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 diagram wherever necessary.

I. Essay :

1. Write in detail the lymphatic drainage in head  
and neck cancer. (20)

2. Aetio-pathology of subglottic stenosis and describe  
the recent modalities of management. (15)

3. Describe the clinical features and management of  
malignancy of maxillary sinus. Briefly describe the  
different classifications for staging the diseases. (15)

II. Short notes : (6 × 5 = 30)

(a) Brachytherapy.

(b) Crico-Pharyngeal myotomy

(c) Benign strictures of oesophagus.

(d) Quinsy

(e) Reinke's oedema.

(f) Cisplatin.

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SEPTEMBER 2007

[KR 223]

Sub. Code : 2228

M.S. DEGREE EXAMINATION.

Branch IV — E.N.T.

E.N.T. INCLUDING HEAD AND NECK ONCOLOGY

Common to

Part II — Paper II (Old/New/Revised Regulations)

(Candidates admitted from 1988–89 onwards)

and

Paper III — (For candidates admitted from 2004–05  
onwards)

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 diagram wherever necessary.

I. Essay :

1. Write the Histological and TNM classifications of Malignant tumors of oropharynx. Discuss the investigations and surgical management of Tonsil and Tonsillar fossa tumors. (20)

2. Describe the Aetiology and clinical features of the paralytic conditions of the larynx. Illustrate the surgical procedures in their management. (5 + 5 + 5 = 15)

3. Classify the malignant tumors of the paranasal sinuses. Write the incidence, clinical features and surgical management of Malignant Melanoma of the Nasal cavity. (4 + 4 + 4 + 3 = 15)

II. Short notes : (6 × 5 = 30)

- (a) Nasopharyngectomy.
- (b) Ideal Nasal Radix.
- (c) Puberphonia.
- (d) CROUP.
- (e) PET scan.
- (f) Samter's triad.

March-2008

**[KS 223]**

**Sub. Code : 2228**

**M.S. DEGREE EXAMINATION.**

**Branch IV — E.N.T.**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

**Common to**

**Part II — Paper II (Old/New/Revised Regulations)**

**(Candidates admitted upto 2003–04**

**and**

**Paper III — (For candidates admitted from 2004–05  
onwards)**

**Q.P. Code : 222228**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay : (2 × 20 = 40)**

**1. Discuss the etiology and management stridor in children.**

**2. Classify the benign lesions of the nasopharynx and describe the surgical management of Nasopharyngeal angiofibroma.**

**II. Short notes : (10 × 6 = 60)**

- (1) Orbital decompression.**
- (2) Stroboscopy.**
- (3) Pharyngeal pouch.**
- (4) Management of penetrating neck injuries.**
- (5) Causes of bilateral vocal cords palsy and its management.**
- (6) Oroantral fistula.**
- (7) Surgical management of sinusitis.**
- (8) Voice rehabilitation after laryngectomy.**
- (9) Differential diagnosis of midline neck masses.**
- (10) Skull base osteomyelitis.**

September 2008

[KT 223]

Sub. Code: 2228

M.S. DEGREE EXAMINATION

Branch IV – E.N.T.

E.N.T. INCLUDING HEAD AND NECK ONCOLOGY

Common to  
Part II – Paper II – (Old/New/Revised Regulations)  
(Candidates admitted upto 2003-04) and  
Paper III - (For candidates admitted from 2004-2005 onwards)

*Q.P. Code : 222228*

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

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

1. Discuss the etiology, clinical features and management of neck space infections.
2. Classify the benign lesions of the larynx and describe their clinical features and management.

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

1. Perforations of oesophagus.
  2. Tracheo bronchial fistula.
  3. Surgical management of vocal cord palsy.
  4. Laryngocoel.
  5. Thormwaldt's bursitis.
  6. Causes for stridor in children.
  7. Role of lasers in the management of pharyngeal and laryngeal diseases.
  8. Modified Radical neck dissection.
  9. Neoglottis.
  10. Uvulopalatopharyngoplasty.
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March 2009

[KU 223]

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**Branch IV – E.N.T.**

**Common to**

**Part II – Paper II – (Candidates admitted upto 2003-04) and  
Paper III - (For candidates admitted from 2004-2005 to 2007-08)**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code : 222228*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Carcinoma pyriform fossa. Etiology, clinical features, investigation and treatment.
2. Neck dissection - Indications, types, procedure and complications.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Vocal cord nodule.
2. Subglottic stenosis.
3. Eagle's syndrome.
4. Retropharyngeal abscess.
5. Fossa of rosen muller.
6. Kartagener's syndrome.
7. Young's syndrome.
8. Saddle nose.
9. Cald well luc's injury.
10. Pre epiglottic space.

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March 2010

[KW 223]

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**Branch IV – E.N.T.**

**Common to**

**Paper III - (For candidates admitted from 2004-2005 to 2007-08) and  
Part II / Paper II – (For candidates admitted for 2008-09 onwards)**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

***Q.P. Code : 222228***

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Discuss etiology, pathogenesis, clinical features, staging and management of laryngeal carcinoma. Write in brief on the voice rehabilitation options after total laryngectomy.
2. Classify parapharyngeal tumours. Discuss its clinical features and management. Add a note on various approaches to parapharyngeal space.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Hyper fractionation protocols in radiotherapy.
2. Concurrent chemo-irradiation in head and neck cancers.
3. Digital subtraction angiography.
4. Endoscopic medial maxillectomy.
5. Delto-pectoral myocutaneous flap.
6. Dentigerous cyst.
7. Oroantral fistula.
8. Selective neck dissection.
9. Single agent cisplatin therapy in head and neck cancers.
10. Sternomastoid tumor of infancy (Pseudotumor)

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September 2010

[KX 223]

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**Branch IV – E.N.T.**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

**Paper III - (For candidates admitted from 2004-2005 to 2007-08) and  
Part II - Paper II – (For candidates admitted for 2008-09 onwards)**

*Q.P. Code : 222228*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 X 20 = 40)**

1. Discuss the etiology, clinical features and management of malignant tumours of the maxillary sinus.
2. Discuss the clinical features and management of nasopharyngeal angiofibroma.

**II. Write short notes on :**

**(10 X 6 = 60)**

1. Surgical management of Atrophic rhinitis.
2. Role of CT and MRI in the management of head and neck tumours.
3. Laryngocoele.
4. Voice rehabilitation after laryngectomy.
5. Parapharyngeal abscess.
6. CSF rhinorrhoea.
7. Tuberculous Laryngitis.
8. Skull box osteomyelitis.
9. Pharyngeal pouch.
10. Orbital decompression.

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May 2011

[KY 223]

Sub. Code: 2228

M.S. DEGREE EXAMINATION

BRANCH IV – E.N.T.

E.N.T. INCLUDING HEAD AND NECK ONCOLOGY

Q.P. Code : 222228

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. Discuss the aetiopathogenesis, clinical features, staging and management of Carcinoma Maxilla. Write about the rehabilitation following total maxillectomy. | 11 | 35 | 15 |
| 2. Discuss in detail the management of a case with secondaries neck with unknown primary.  | 11 | 35 | 15 |

II. Write notes on :

- |  |   |    |   |
|--|---|----|---|
| 1. Complications of Tracheostomy.        | 4 | 10 | 7 |
| 2. Tracheo oesophageal fistula.          | 4 | 10 | 7 |
| 3. Adjuvant chemotherapy.                | 4 | 10 | 7 |
| 4. Brachy therapy.                       | 4 | 10 | 7 |
| 5. Phono surgery.                        | 4 | 10 | 7 |
| 6. Near total laryngectomy.              | 4 | 10 | 7 |
| 7. Oral Submucous fibrosis.              | 4 | 10 | 7 |
| 8. Anatomy of para pharyngeal space.     | 4 | 10 | 7 |
| 9. Management of cut throat injury Neck. | 4 | 10 | 7 |
| 10. Nasal septal perforation.            | 4 | 10 | 7 |

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APRIL 2012

[LA 223]

Sub. Code: 2228

M.S. DEGREE EXAMINATION  
BRANCH IV – E.N.T.  
E.N.T. INCLUDING HEAD AND NECK ONCOLOGY

Q.P. Code : 222228

Time : 3 hours  
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe etiopathogenesis of Carcinoma of the Ethmoid Labyrinth and surgical importance and management.	16	35	15
2. Discuss the etiopathogenesis of oropharyngeal carcinoma and discuss in detail about the management of carcinoma of Tongue.	16	35	15

II. Write notes on :

1. Describe stage I Ca Larynx and its management.	4	10	7
2. Describe the management of carcinoma of the Pinna.	4	10	7
3. Describe the carcinoma of the angle of Lip and its management.	4	10	7
4. Etiopathogenesis of Submucous Fibrosis and its management	4	10	7
5. Describe the various approaches for CP angle tumours.	4	10	7
6. Describe the various types of Incision for Total laryngectomy.	4	10	7
7. Etiology, Pathogenesis of Xerostomia and its management.	4	10	7
8. Describe the etiopathogenesis of Wegeners Granulomatosis and its management.	4	10	7
9. Describe the palliative procedures in Head and Neck malignancy.	4	10	7
10. Describe the methods of pain relief in Head and neck Carcinoma.	4	10	7

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[LC 223]

APRIL 2013

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code : 22228*

**Time: Three Hours**

**Maximum: 100 marks**

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

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the aetiopathogenesis, clinical features, staging and Management of carcinoma ethmo maxillary complex. Write about the rehabilitation following total maxillectomy.
2. Discuss in detail the management of secondaries neck with unknown primary.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Adjuvant chemotherapy
2. Phono surgery
3. Anatomy of Retro pharyngeal space
4. Alport's syndrome
5. Bilateral Abductor Palsy
6. Near Total Laryngectomy
7. Tracheo Oesophageal Fistula
8. Brachy therapy
9. Oral sub mucous fibrosis
10. Magnetic Resonance imaging (MRI)

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**(LE 223)**

**APRIL 2014**

**Sub. Code:2228**

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the anatomy of hypopharynx, Briefly discuss the tumors of hypopharynx and TNM classification. Describe the treatment options for postcricoid malignancy with NOMO.
2. Describe the pathogenesis, pathology, clinical presentation, serological markers, routes of spread and treatment of nasopharyngeal carcinoma .

**II. Write notes on:**

**(10X7=70)**

1. Churg strauss syndrome.
2. Deltopectoral flap.
3. Bone scan in ENT.
4. Hemifacial Spasm.
5. Chylous fistula.
6. Pharyngeal pouch.
7. Ugo Fisch Type A approach.
8. Modified Lothrop's procedure.
9. Carotid body tumor.
10. Laryngeal stroboscopy.

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(LF 223)

OCTOBER 2014

Sub. Code: 2228

**M.S. DEGREE EXAMINATION  
BRANCH IV – E.N.T.**

**PAPER III - E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Outline the anatomy of larynx and patterns of spread of laryngeal cancer.  
Discuss the investigations to assess the tumour extent and treatment options for the various stages.
2. Classify Fibro osseous lesions of the maxillo facial region. Briefly outline the clinical features and management of these lesions.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Classify pituitary adenomas. Discuss the investigative protocol and the indications and contra indications for surgical excision.
2. Pectoralis major myocutaneous flap.
3. Cystic Hygroma of neck.
4. Lingual Thyroid.
5. Discuss the causes of non-infectious inflammatory cervical lymph adenopathy.
6. Theories of origin of Juvenile naso pharyngeal angio fibroma and modes of spread.
7. Micro structure of the vocal fold, clinical features and management of Sulcus Vocalis.
8. GERD.
9. Olfactory neuro blastoma.
10. Oral submucosal fibrosis.

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**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code : 222228*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Principles of open partial laryngectomy. Discuss the partial laryngectomy procedures available for glottic, supra glottic and glotto supra glottis carcinoma.
2. Anatomy and physiology of Paraganglion system. Classify Paragangliomas, discuss the clinical features of Head and Neck paragangliomas and briefly outline the investigations for these tumours.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Radioiodine (<sup>131</sup>I) Therapy.
2. Ringertz tumour.
3. Oesophagoscopy indications, contra indications, procedure and complications.
4. Otolaryngologic manifestations of Human Immuno deficiency virus infection.
5. Mixed Parotid tumour.
6. Chemotherapy for Head and Neck Squamous Cell Carcinoma.
7. Investigative protocol and management of unknown primary with secondaries neck.
8. Clinical presentation and management of acute invasive fungal sinusitis.
9. Juvenile Laryngeal papillomatosis.
10. Epulis.

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(LI 223)

APRIL 2016

Sub. Code:2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the recent trends in the management of head and neck cancer. Write in detail about Organ Preservation Protocols in managing Carcinoma Larynx.
2. Discuss the etiology, clinical features and management of Vocal cord paralysis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Para pharyngeal Abscess.
2. Tracheo esophageal fistula.
3. Cut Throat injury Neck.
4. Digital Subtraction Angiography.
5. Surgeries for Pharyngeal pouch.
6. Leukoplakia.
7. Surgical approaches to Nasopharynx.
8. Lateral Rhinotomy.
9. CSF Rhinorrhea.
10. Treatment for Carcinoma oropharynx.

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(LJ 223)

OCTOBER 2016

Sub. Code:2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. What are the indications and Contra indications for total Laryngectomy?  
Write in detail about the Post Laryngectomy Rehabilitation.
2. Discuss the aetiology, clinical features and management of Nasopharyngeal Angiofibroma.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Occult primary.
2. Retropharyngeal Abscess.
3. Brachy therapy.
4. Selective Neck Dissection.
5. Vidian Neurectomy.
6. Laryngocele.
7. Retro Sigmoid Approaches.
8. Management of corrosive Poisoning.
9. Role of CT and MRI in head and neck malignancy.
10. Adjuvant chemotherapy.

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(LK 223)

MAY 2017

Sub. Code:2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the Aetiology, clinical features and management of laryngeal malignancy.
2. Discuss the causes, clinical features and management of velopharyngeal Insufficiency.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Thyroplasty.
2. Investigation in a case of thyroid Nodule.
3. Transphenoidal Hypophysectomy.
4. Reinke's Edema.
5. Surgical Approaches to Internal Acoustic meatus.
6. Esophageal speech.
7. Deep spaces of Head and Neck.
8. Treatment of Subglottic Stenosis.
9. Role of Imaging in managing Juvenile Nasopharyngeal Angiofibroma (JNA).
10. Radiosensitisers.

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(LL 223)

OCTOBER 2017

Sub. Code:2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the various methods of rehabilitation in a laryngectomised patient.
2. Describe the clinical features and management of a patient with malignancy of maxillary sinus. Outline the various classifications used in staging the disease.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Causes of stridor in children.
2. Radio-biological principles of radiotherapy in head and neck cancer.
3. Laryngomalacia.
4. Le Fort fractures.
5. Cisplatin.
6. Perforation of esophagus.
7. Tracheobronchial fistula.
8. Uvulopalatopharyngoplasty.
9. Modified radical neck dissection.
10. Kartagener's syndrome.

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**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P.Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the management of cervical lymph nodes in laryngeal and hypopharyngeal cancer. Elaborate the steps of radical neck dissection and its complications.
2. Etiology, clinical presentation and management of carcinoma of ethmoid and maxillary sinuses.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Delto pectoral flap.
2. Dysphagia Lusoria.
3. Thyroglobulin positive, radioiodine scan negative disease in the follow up of differentiated thyroid cancer – Discuss.
4. Neuro Endocrine Tumours.
5. Differentiate the various midline cystic neck masses and outline the management.
6. Rigid bronchoscopy – indications, contraindications, procedures and complications.
7. Post operative management of resection of pituitary tumours.
8. Staging of JNA and surgical approaches for the various stages.
9. Thyroplasty.
10. Non Hodgkin's Lymphoma of Head and Neck.

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[LN 223]

OCTOBER 2018

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the various conservative procedures in the treatment of Carcinoma larynx.
2. Classify the benign lesions of the nasopharynx. Describe the surgical management of Nasopharyngeal angiofibroma.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Peritonsillar abscess.
2. Intensity Modulated Radiotherapy.
3. Supraomohyoid neck dissection.
4. Ringertz tumor.
5. Differential diagnosis of midline neck swellings.
6. Role of angiography in head and neck lesions.
7. Complications of tracheostomy.
8. Newer Chemotherapeutic agents.
9. Pharyngeal pouch.
10. Hot nodule thyroid.

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[LO 223]

MAY 2019

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the different types of flaps used in head and neck reconstruction.
2. Discuss about the aetiology, clinical features and management of Nasopharyngeal carcinoma.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Surgical approaches to skull base.
2. Pleomorphic adenoma.
3. Benign tumours of larynx.
4. Imaging techniques of Neck.
5. Causes of stridor in children.
6. Management of a patient with neck injury.
7. Globus pharyngeus.
8. Parapharyngeal abscess.
9. Diphtheria – symptoms and management.
10. Management of Epistaxis.

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[LP 223]

OCTOBER 2019

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe about etiopathology, spread of tumour and management of Hypopharyngeal carcinoma.
2. Describe the management of Occult Primary in ENT.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Surgical approaches to petrous apex.
2. Biomaterials in ENT.
3. Hadad flap.
4. Cell cycle and cycle specific drugs in chemotherapy.
5. Oncogenes in ENT.
6. Suprahyoid neck dissection.
7. Eagle syndrome.
8. Role of FNAC in Head and Neck tumours.
9. Branchiogenic carcinoma.
10. Total parenteral nutrition.

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[LQ 223]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 2228

**M.S. DEGREE EXAMINATION**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the aetiopathogenesis, clinical features and management of carcinoma of maxillary antrum.
2. Enumerate the types of neck dissection and write briefly on their indications.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Multiple papilloma of larynx
2. Carcinoma of tonsil
3. Ringertz tumour
4. Role of angiography in head and neck lesions
5. C.S.F. Rhinorrhea
6. Adjuvant chemotherapy
7. Describe the palliative procedures in head and neck malignancy
8. Orbital decompression
9. Role of CT and MRI in the management of head and neck tumours
10. Sternomastoid tumour of infancy (Pseudotumour)

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[MS 0721]

JULY 2021  
(MAY 2021 SESSION)  
**M.S. DEGREE EXAMINATION**

**Sub. Code: 2228**

**BRANCH IV – E.N.T.**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Role of free flaps in ENT.
2. The work up of a 18 year old male with complaints of nasal mass.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Partial laryngectomy.
2. Role of surgery in hypopharyngeal malignancy.
3. The work up of a salivary gland swelling.
4. Robotics in head and neck surgeries.
5. Immunohistochemistry in head and neck tumors.
6. Discuss the tumour behavior in a laryngeal carcinoma.
7. Premalignant conditions in the ENT.
8. Role of nasal endoscope in pituitary tumours.
9. Intensity modulated radiotherapy.
10. Newer chemotherapeutic agents in head and neck malignancy.

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

**[MS 0522]**

**MAY 2022**

**Sub. Code: 2228**

**M.S. DEGREE EXAMINATION**

**BRANCH IV – OTO-RHINO-LARYNGOLOGY**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the principles of near total laryngectomy. Describe the various modalities of voice rehabilitation after laryngectomy.
2. Describe the Aetiopathology, spread and surgical treatment of Angiofibroma of Nasopharynx.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Management of cut throat injury.
2. Phonosurgery.
3. Oral submucous fibrosis.
4. Describe the actiopathogenesis of Wagener's Granulomatosis and its management.
5. Describe various approaches for CP angle tumors.
6. Describe the methods of pain relief in head and neck carcinoma.
7. Parapharyngeal abscess.
8. Endoscopic medial maxillectomy.
9. Surgical management of atrophic rhinitis.
10. Complication of tracheostomy.

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

**[MS 1022]**

**OCTOBER 2022**

**Sub. Code: 2228**

**M.S. DEGREE EXAMINATION**

**BRANCH IV – OTO-RHINO-LARYNGOLOGY**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. A female patient about 40 years presented with midline neck swelling: discuss the evaluation and differential diagnosis of the condition.
2. Describe the aetiopathogenesis, clinical features and management of carcinoma of maxillary antrum.

**II. Write notes on:**

**(10x7=70)**

1. Evaluation and management of MNG.
2. Acute and late complications of radiotherapy.
3. Endoscopic endonasal approach to pituitary tumor.
4. LPR.
5. What is T0 in TNM 8 classification? Discuss about its management.
6. Imaging techniques of Neck.
7. Etiology and management of Left vocal cord palsy.
8. Non-sinogenic facial pain.
9. Human papilloma virus in ENT.
10. What is Platelet-rich plasma (PRP)? Discuss about its uses in ENT.

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

**[MS 0723]**

**JULY 2023  
(MAY 2023 EXAM SESSION)**

**Sub. Code: 2228**

**M.S. DEGREE EXAMINATION**

**BRANCH IV – OTO-RHINO-LARYNGOLOGY**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. A 20 year old male presented to the Outpatient Department with complaints of Epistaxis. Brief on evaluation of the patient and explain in detail about nasopharyngeal carcinoma.
2. Enumerate the types of Neck Dissection and write briefly on their indications.

**II. Write notes on:**

**(10x7=70)**

1. Robotics in Thyroid surgery.
2. Salivary gland neoplasms.
3. Differential diagnosis for voice changes in a smoker of 50 year old male.
4. Carotid body tumour.
5. Parapharyngeal malignancy.
6. Oesophageal malignancy.
7. Lymphomas of head and neck.
8. Recent chemotherapeutic agents in head and neck malignancy.
9. Etiopathogenesis of Carcinoma.
10. Hemangiomas of Head and Neck.

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

**[MS 1223]**

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 2228**

**M.S. DEGREE EXAMINATION**

**BRANCH IV – OTO-RHINO-LARYNGOLOGY**

**PAPER III – E.N.T. INCLUDING HEAD AND NECK ONCOLOGY**

*Q.P. Code: 222228*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. A 60/M with DM presents with an indurated swelling in the left side neck and submandibular region, acute onset with mild respiratory distress. Discuss about the clinical diagnosis, possible route of spread of infection, complications and management of this patient. Also discuss the anatomy of deep neck spaces.
2. a) Discuss the anatomy of Velopharynx.  
b) Describe the clinical features and management of Velopharyngeal insufficiency.

**II. Write notes on:**

**(10x7=70)**

1. Evaluation and management of Solitary Nodules of Thyroid.
2. Types of Radiotherapy.
3. Orbital decompression procedures.
4. Carcinoma of unknown primary and its management.
5. Head and neck malignancies associated with HPV.
6. Laryngeal dysplasia.
7. Jugular Foramen syndromes.
8. Post Thyroidectomy stridor causes and management.
9. Role of Botox therapy in ENT.
10. Oncogenes of Head and Neck malignancies.

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