

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OTORHINOLARYNGOLOGY) EXAMINATION – DECEMBER 2023

Date:- 4th December 2023

Time:- 1.00 p.m. – 4.00 p.m.

PAPER I
(Otology, Audiology & Rhinology)

All four (04) questions to be answered.

1. A 40-year-old patient underwent a modified radical mastoidectomy for chronic suppurative otitis media with a cholesteatoma. During the post operative rounds, you observe a lower motor neuron facial weakness.
 - 1.1. Discuss the possible causes for his facial weakness.
 - 1.2. How would you manage this patient?
 - 1.3. What precautions would you take to minimize such complication?

2.
 - 2.1. Describe the clinical presentation of sino-nasal tumours.
 - 2.2. How would you diagnose and manage such tumours?

3. A one year and nine months old baby was referred to ENT for suspected hearing loss by the primary health care worker.
 - 3.1. How would you evaluate this child?
 - 3.2. How would you counsel the parents if it is found to be bilateral profound sensorineural deafness?

4. Write notes on
 - 4.1. Otitis media with effusion
 - 4.2. Presbycusis
 - 4.3. Anosmia

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Date:- 5th December 2023

Time:- 9.00 a.m. – 12.00 noon

PAPER II
(Laryngology and Head & Neck Surgery)

All four (04) questions to be answered.
Illustrations must be labelled.

1.

1.1. Describe the surgical anatomy of the parapharyngeal space (PPS).

1.2. List the tumours of the PPS.

1.3. Describe the surgical approaches to the PPS.

2.

2.1. Describe the anatomical landmarks used to identify the facial nerve in parotid surgery.

2.2. What are the complications seen after parotid surgery and discuss their management.

3.

3.1. Define and classify dysphagia.

3.2. Discuss the aetiology, presentation and management of pharyngeal pouch (Zenker's diverticulum).

4. Write notes on

4.1. Indications for tracheostomy.

4.2. Thyroglossal duct cyst.

4.3. Laryngocele.

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PAPER III
General Surgery

All six (06) questions to be answered.

1. A 50-year-old man with a proximal oesophageal acid stricture causing progressive dysphagia for 5 years is awaiting reconstruction surgery. He has near total dysphagia and his BMI is 17.5kg/m².
Discuss the preoperative optimization of this patient.

2. A 25-year-old woman who presents with features of thyrotoxicosis of 4 months is diagnosed with Graves disease.
 - 2.1. Discuss the medical management.
 - 2.2. She undergoes a total thyroidectomy as the disease responded poorly to medical management. On post operative day 1 she develops fever, tachycardia and confusion. A diagnosis of thyroid crisis is made.
Discuss the further management.

3. A 25-year-old woman is brought after accidental kerosene oil burns involving the head, face, neck, chest and both upper limbs.
 - 3.1. Discuss the immediate (first 24 hours) management.
 - 3.2. Briefly outline the further management.

4. A 45-year-old man presents with a painless mass on the left side of his neck which has progressively increased in size during last 2 months. Ultrasound scan of the neck reports it as a lymph node mass.
 - 4.1. List the possible pathologies.
 - 4.2. Discuss how you will arrive at a diagnosis.

Contd.../2-

5. A 68-year-old male smoker is being prepared for a laryngectomy for early resectable laryngeal carcinoma. He has a past history of ischemic heart disease and diabetes and had undergone coronary artery stenting 6 months ago.

Discuss the preoperative optimization of this patient.

6. Write notes on

- 6.1. Neoadjuvant therapy for tumours of the head and neck region.

- 6.2. Problems in morbidly obese patients undergoing major surgery.