

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OTORHINOLARYNGOLOGY) EXAMINATION –
DECEMBER 2020

Date :- 7th December 2020

Time:- 9.00 a.m. – 12.00 noon

PAPER I
Otology, Audiology & Rhinology

All four (04) questions to be answered.

1.
 - 1.1. Describe the blood supply of the nasal cavity
 - 1.2. Discuss indications, procedures and pitfalls of emergency surgical management of epistaxis.
2.
 - 2.1. List the differential diagnoses for acute intermittent left sided facial pain in an adult that has been present for 3 months.
 - 2.2. Outline the assessment of this patient.
3. Discuss the relative contra-indications to a stapedectomy.
4. Write notes on:
 - 4.1. Masking in pure tone audiometry (PTA).
 - 4.2. Bone anchored hearing aids (BAHA).
 - 4.3. Auditory neuropathy spectrum disorder (ANSO).

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Time:- 1.00 p.m. – 4.00 p.m.

PAPER II
(Laryngology and Head & Neck Surgery)

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

1. List the complications of tonsillectomy.
Discuss the management of an 18-year-old patient who has brisk bleeding from the mouth six hours after tonsillectomy.
2. List the causes of bilateral parotid swelling in adults.
Discuss the assessment and investigations of a painless unilateral swelling of the parotid gland in a 50-year-old healthy man.
3.
 - 3.1. Describe the otorhinolaryngological and head & neck clinical manifestations of *mycobacterium tuberculosis* infection.
 - 3.2. Discuss their diagnosis and management.
4. Write short notes on:
 - 4.1. Precautions to be taken for endoscopic upper airway assessment in the ENT clinic during Covid-19 pandemic.
 - 4.2. Microscopic anatomy of the vocal cord.
 - 4.3. Retropharyngeal abscess in children.

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Date :- 8th December 2020

Time:- 9.00 a.m. – 12.00 noon

PAPER III (General Surgery)

All six (06) questions to be answered.

1. A 60-year-old man who underwent total thyroidectomy and cervical block dissection is noted to have a milky drainage from the neck drain suggestive of a thoracic duct injury on the third post-operative day.

Discuss the management of this patient.

2. A 55-year-old woman is awaiting major surgery for resection of an intra-abdominal malignant lesion with a significant risk of major bleeding. Her haemoglobin is 7.5g/dL.

Discuss the measures you would undertake to minimize peri-operative blood transfusion requirement.

3. A 20-year-old woman is undergoing right parotidectomy for a pleomorphic adenoma. Halfway through the surgery the house officer informs you that the tumour is in the left parotid.

Outline the management of this situation.

4. A 70-year-old woman who underwent major surgery for resection of an advanced neck malignancy develops fever (101°C) on the 5th post-operative day.

Discuss how you would manage this patient's postoperative pyrexia.

5. A 45-year-old woman with a history of deep vein thrombosis and pulmonary embolism who is on lifelong oral anticoagulation is scheduled to undergo parotidectomy.

Outline the perioperative management of thromboprophylaxis in this patient.

6. Discuss the place of surgery in management of cancer.